

CONTENTS

	Page
Switchgear (ISKRA)	1-2
Contactors & Accessories	
Overloads & Accessories	
Plug-in Relays & Bases	
Starters	3 - 6
Manual Motor Starters & DOL Starters (ISKRA)	
DOL & DOL Reversing Starters in metal enclosures	
Auto Transformer Starters	
Star Delta Starters	
Soft Starters - Avanti Aquasoft & Powersoft	
- Solcom / Hapn	
Special 3 phase Borehole Pump-motor Starters	
Variable Speed AC Motor Drives	6
E.P. Sheet Metal Enclosures	7
Starter Enclosures	
Weatherproof Shrouds	
Control Devices for Pump & Irrigation	7
Flow, Pressure & Float Switches	
Filter Flushing Timers (AQUAMAN)	
Pivot Chemical Controller	
Blac Bocs, Motorscope & Surge Arrestors	
Pump Protection Relay & Electronic & Mechanical Timers	
Power Factor Correction	8
Power Factor Controllers	
Power Factor Capacitors & Contactors	
HRC DIN Fuses & Bases	
Control & Indicating Devices	9 - 10
Push Buttons, Pilot Lights & Selector Switches (ESBEE)	
Push Button Stations (ESBEE)	
Legend Plates & Pilot Light Lamps	
Alarm Signal Equipment	
Rotary Switches & Accessories (L & T)	
MCB's & Load Break Switches	11 - 13
Miniature DIN Circuit Breakers (CHINT)	
Miniature DIN Circuit Breakers (ONESTO)	
Load Break Switches & Accessories (KATKO)	
Limit Switches (PIZZATO)	13
Limit Switches	
Foot Switches	
Micro Switches	
Switchboard Panel Meters	14
Analogue - Ammeters, Maximum Demand Meters	
Voltmeters, Hour Meters, PFC Meters, Frequency Meters	
Current Transformers	
Electronic Devices (AVANTI)	15 - 16
Timing Modules	
Power Monitors	
Sensing Devices	
Toggle Switches, Neon Indicators, Temperature Controller, Gensets & Battery Chargers	17
Cable & Wiring Accessories	17 - 20
Din Rail Terminals & Din Rail (ConnectWell)	
Busbar & Busbar Terminals	
Cable Ties & Mounting Cradles	
P.V.C. Slotted Trunking	
Crimping Lugs & Ferrules	
Pre-insulated, Fully Insulated & Un-insulated Terminals	

ALPHABETIC PRODUCT INDEX

<u>Description</u>	<u>Supplier</u>	<u>Page</u>	<u>Col</u>	<u>Description</u>	<u>Supplier</u>	<u>Page</u>	<u>Col</u>
A				N			
Alarm Signal Equipment		10	1	Micro Switches	Pizzato	13	2
Ammeter Selector Switch Panel Mount		10	2	Mini Contactors	Iskra	1	1
Ammeters - Analogue		14	1	Motorscope		7	2
B				Multi-step Switch Panel Mount		10	2
Bases for Plug-in Relays		2	2	O			
Battery Chargers		17	1	Overloads Electronic	Avanti	16	1
Blac Bocs		7	2	Overloads - Thermal	Iskra	2	1
Buzzer		10	1	P			
C				Panel Meters		14	1
Cable Ties		18	1	Pilot Light Lamps		10	1
Cam Switches		10	2	Pilot Lights - LED & Standard	Esbee	9	1
Capacitors PFC		9	1	Plug-in Relays	Iskra	2	2
Changeover Switches Panel Mount		10	2	Power Factor Capacitors		8	1
Contactors Installation	Iskra	1	1	Power Factor Controllers	Delab	8	1
Contactors Large Frame	Iskra	1	1 & 2	Power Factor Meters		14	1
Contactors Mini	Iskra	1	1	Power Monitors	Avanti	16	1
Contactors - PFC	B & J	8	1	Pressure Switches		7	2
Contactors Standard Frame	Iskra	1	1	Pump Protection Relay	Avanti	16	1
Current Transformers		14	2	Push Button Legends		10	1
D				Push Button Stations	Esbee	9	2
Din Rail Top hat		17	2	Push Buttons	Esbee	9	1
E				R			
Earth Leakage Units - MCB	Chint	11	2	Relays 4 pole - Contactor Frame	Iskra	1	1
Earth Leakage Units - MCB	Onesto	12	2	Relays Plug-in & bases	Iskra	2	2
Electrode Irrigation		16	2	Rotating Light		10	1
Enclosure Sheet Metal		7	1	S			
Enclosure Shrouds - Sheet Metal		7	1	Selector Switches		10	2
F				Selector Switches	Esbee	9	1
Ferrules - crimping		19	2	Sensing Devices	Avanti	16	2
Filter Flushing Timers	Aquaman	7	2	Shrouds Starter Boxes		7	1
Float Switches	Matic	7	2	Slotted Trunking		18	2
Flow Switches		7	2	Soft Starters	Avanti	5	2
Foot Switches	Pizzato	13	2	Star Delta Switch Panel Mount		10	2
Frequency Meters - Analogue		14	1	Starters - Auto Transformer	Iskra	4	2
Fuses HRC DIN & Bases		8	2	Starters Borehole pump	Iskra	6	1
Fwd/Rev Switch Panel Mount		10	2	Starters DOL (Plastic Encl)	Iskra	3	2
G				Starters DOL (Metal Encl)	Iskra	4	1
Genset Controller		17	1	Starters DOL Reversing	Iskra	4	2
H				Starters Manual Motor Starters	Iskra	3	1
Hour Meters		14	1	Starters Optional Extras		6	1
I				Starters Star Delta	Iskra	5	1
Installation Contactors	Iskra	1	1	Surge Arrestors	Avanti	7	2
Isolators MCB DIN	Chint	11	2	T			
Isolators MCB DIN	Onesto	12	2	Terminals Busbar		18	1
Isolators Rotary Panel Mount		10	2	Terminals Din rail mount		17	2
Isolators Surface Mount		10	2	Terminals - Insulated & Uninsulated		20	1
Isolators - Load Break DIN & Base Mount	Katko	13	1	Temperature Controller		17	1
Isolators - Load Break Surface Mount	Katko	13	1	Timer - Electronic (Multi-range up to 24 hr)	Avanti	15	2
L				Timing Modules - Electronic	CG	15	1
Limit Switches	Pizzato	13	2	Timing Modules - Electronic	Avanti	15	1
Lugs - crimping		19	1	Toggle Switches		17	1
M				Trunking Slotted		18	2
Maximum Demand Meters		14	1	Two (2) Speed Switch Panel Mount	CG	10	2
MCB's DIN 3kA "C" Curve	Chint	11	1	V			
MCB's DIN 6kA "C" Curve	Chint	11	1	Variable Speed AC Motor Drives		6	1
MCB's DIN 6kA "D" Curve	Chint	11	2	Voltmeter Selector Switch Panel Mount		10	2
MCB's DIN 3kA "C" Curve	Onesto	12	1	Voltmeters - Analogue		14	1
MCB's DIN 6kA "C" Curve	Onesto	12	1				
MCB's DIN 10kA "D" Curve	Onesto	12	2				

**Contactors - Installation, Mini, 4 Pole Relays,
Standard Frame**



Contactors - Large Frame

No.	Part No.	Description	Price	No.	Part No.	Description	Price
INSTALLATION CONTACTORS				LARGE FRAME CONTACTORS			
1	IK25-40-230	ISKRA 25A INSTALLATION CONTACTOR 4POLE	370.00	(KNN Series) - NEW!			
2	IK40-40-230	ISKRA 40A INSTALLATION CONTACTOR 4POLE	663.00	CONTACTORS			
3	IK63-40-230	ISKRA 63A INSTALLATION CONTACTOR 4POLE	833.00	57	KNN80-***	ISKRA 80A AC 37KW CONTACTOR (15KT)	2435.00
MINI CONTACTORS				58	KNN95-***	ISKRA 90A AC 45KW CONTACTOR (15KLT)	2734.00
CONTACTORS				59	KNN110-***	ISKRA 110A AC 55KW CONTACTOR (15MT)	3101.00
4	K07M-10-***	4KW MINI CONTACTOR - 1NO AUX	216.00	60	KNN150-***	ISKRA 150A AC 75KW CONTACTOR (15NT)	4099.00
5	K07M-01-***	4KW MINI CONTACTOR - 1NC AUX	216.00	61	KNN175-***	ISKRA 175A AC 90KW CONTACTOR (15PT)	4886.00
AUXILIARY CONTACT BLOCKS				62	KNN210-***	ISKRA 210A AC 110KW CONTACTOR (15RT)	5774.00
6	ND2M-11	1NO+1NC AUXILIARY	58.00	63	KNN260-***	ISKRA 260A AC 132KW CONTACTOR (15ST)	6095.00
ACCESSORIES & SPARES				64	KNN315-***	ISKRA 315A AC 160KW CONTACTOR (15TT)	8418.00
7	MB7	MECHANICAL INTERLOCK	95.00	65	KNN450-***	ISKRA 450A AC 250KW CONTACTOR (55B)	13248.00
4 POLE RELAYS				66	KNN550-***	ISKRA 550A AC 315KW CONTACTOR (57B)	18598.00
8	KNL6-22-***	4 POLE RELAYS - 2NO+2NC AUX	231.00	67	KNN700-***	ISKRA 700A AC 400KW CONTACTOR (62)	26147.00
STANDARD FRAME CONTACTORS				COILS & FEEDER GROUPS			
CONTACTORS				68	B02-110	ISKRA 110vac 50/60Hz COIL FOR (KNN80-95)	363.00
9	KNL9-01-***	4.0KW CONTACTOR - 1NC AUX	231.00	69	B02-230	ISKRA 230vac 50Hz COIL FOR (KNN80-95)	363.00
10	KNL9-10-***	4.0KW CONTACTOR - 1NO AUX	231.00	70	B02-400	ISKRA 400vac 50Hz COIL FOR (KNN80-95)	363.00
11	KNL12-01-***	5.5KW CONTACTOR - 1NC AUX	272.00	71	B022-110	ISKRA 110vac 50/60Hz COIL FOR (KNN110)	814.00
12	KNL12-10-***	5.5KW CONTACTOR - 1NO AUX	272.00	72	B022-230	ISKRA 230vac 50Hz COIL FOR (KNN110)	814.00
13	KNL16-01-***	7.5KW CONTACTOR - 1NC AUX	342.00	73	B022-400	ISKRA 400vac 50Hz COIL FOR (KNN110)	814.00
14	KNL16-10-***	7.5KW CONTACTOR - 1NO AUX	342.00	74	B031-110	ISKRA 110vac 50/60Hz COIL FOR (KNN150-175)	1141.00
15	KNL22-00-***	11KW CONTACTOR	446.00	75	B031-230	ISKRA 230vac 50Hz COIL FOR (KNN150-175)	1141.00
16	KNL30-00-***	15KW CONTACTOR	557.00	76	B031-400	ISKRA 400vac 50Hz COIL FOR (KNN150-175)	1141.00
17	KNL43-11-***	22KW CONTACTOR - 1NC+1NO AUX	1185.00	77	B041-110	ISKRA 110vac 50Hz COIL FOR (KNN210-315)	3270.00
18	KNL63-11-***	30KW CONTACTOR - 1NC+1NO AUX	1853.00	78	B041-230	ISKRA 230vac 50Hz COIL FOR (KNN210-315)	3270.00
COIL				79	B041-400	ISKRA 400vac 50Hz COIL FOR (KNN210-315)	3270.00
19	KNL9-56-***	COIL 50 HZ FOR KNL9 - KNL30	78.00	80	B51-110	ISKRA 110vac 50/60Hz COIL FOR (KNN450-550)	2490.00
20	KNL43-56-***	COIL 50 HZ FOR KNL43 - KNL63	326.00	81	B51-230	ISKRA 230vac 50Hz COIL FOR (KNN450-550)	2490.00
AUXILIARY CONTACT BLOCKS				82	B51-400	ISKRA 400vac 50Hz COIL FOR (KNN450-550)	2490.00
21	NDL2-11	1NO+1NC AUXILIARY FOR KNL9 - KNL30	63.00	83	B61-110	ISKRA 110vac 50/60Hz COIL FOR (KNN700)	3960.00
22	NDL2-02	2NC AUXILIARY FOR KNL9 - KNL30	63.00	84	B61-230	ISKRA 230vac 50Hz COIL FOR (KNN700)	3960.00
23	NDL2-13	1NO+3NC AUXILIARY FOR KNL9 - KNL30	103.00	85	B61-400	ISKRA 400vac 50Hz COIL FOR (KNN700)	3960.00
24	NDL2-22	2NO+2NC AUXILIARY FOR KNL9 - KNL30	103.00	(Note: B51 & B61 are used inconjunction with a Feeder Group below)			
25	NDL2-31	3NO+1NC AUXILIARY FOR KNL9 - KNL30	103.00	86	FG51-110	ISKRA 110-120vac FEEDER FOR KNN450-550	2109.00
26	NDL4-11	1NO+1NC AUXILIARY FOR KNL43 - KNL63	150.00	87	FG51-230	ISKRA 220-240vac FEEDER FOR KNN450-550	2109.00
27	NDL4-31	3NO+1NC (VARIABLE) AUXILIARY FOR KNL43 - KNL63	150.00	88	FG51-400	ISKRA 380-415vac FEEDER FOR KNN450-550	2109.00
28	NPL1-10	1NO SIDE MOUNT AUXILIARY FOR KNL9 - KNL30	60.00	89	FG61-110	ISKRA 110-120vac FEEDER FOR KNN700	4382.00
29	NPL1-01	1NC SIDE MOUNT AUXILIARY FOR KNL9 - KNL30	60.00	90	FG61-230	ISKRA 220-240vac FEEDER FOR KNN700	4382.00
ACCESSORIES & SPARES				91	FG61-400	ISKRA 380-415vac FEEDER FOR KNN700	4382.00
30	KMPL	D.O.L. ENCLOSURE	328.00	AUXILIARY CONTACT BLOCKS			
31	MBL	MECHANICAL INTERLOCK FOR KNL9 - KNL30	131.00	92	GH15S11	ISKRA 1NO+1NC SIDE MOUNT (KNN80-700) AUX. CONT	163.00
32	MBL43	MECHANICAL INTERLOCK FOR KNL43 - KNL63	406.00	93	GH15T01	ISKRA 1NC TOP MOUNT (KNN80-700) AUX. CONT	71.00
33	RC230V	NOISE FILTER FOR KNL9 - KNL30	139.00	94	GH15T10	ISKRA 1NO TOP MOUNT (KNN80-700) AUX. CONT	71.00
34	NT	IDENTIFICATION PLATES FOR KNL9 - KNL30	4.00	95	GH15T11	ISKRA 1NO+1NC TOP MOUNT (KNN80-700) AUX. CONT	109.00
LARGE FRAME CONTACTORS				ACCESSORIES & SPARES			
(KNL Series) - To be phased out.				96	BM0H	ISKRA MECHANICAL INTERLOCK (KNN80-95)	107.00
CONTACTORS				97	BM3H	ISKRA MECHANICAL INTERLOCK (KNN150-175)	324.00
35	KNL90-***	50KW 3POLE CONTACTORS	3140.00	98	BM5H	ISKRA MECHANICAL INTERLOCK (KNN450-550)	1107.00
36	KNL115-***	61KW 3POLE CONTACTORS	3573.00	99	BM6H	ISKRA MECHANICAL INTERLOCK (KNN700)	1750.00
37	KNL145-***	80KW 3POLE CONTACTORS	4526.00	100	CS80	ISKRA CONTACT SET FOR KNN80	830.00
38	KNL180-***	100KW 3POLE CONTACTORS	5546.00	101	CS95	ISKRA CONTACT SET FOR KNN90	962.00
39	KNL500-***	290KW 3POLE CONTACTORS	15632.00	102	CS110	ISKRA CONTACT SET FOR KNN110	1343.00
40	KNL630-***	335KW 3POLE CONTACTORS	27820.00	103	CS150	ISKRA CONTACT SET FOR KNN150	1592.00
COIL ASSEMBLIES & COILS				104	CS175	ISKRA CONTACT SET FOR KNN175	1769.00
41	BA1546-***	COIL+ RECTIFIER FOR KNL95 - KNL180	1788.00	105	CS210	ISKRA CONTACT SET FOR KNN210	2136.00
42	BA1671-***	COIL+ RECTIFIER FOR KNL250 - KNL400	3073.00	106	CS260	ISKRA CONTACT SET FOR KNN260	2545.00
43	BA1796-***	COIL+ RECTIFIER FOR KNL500 - KNL630	5054.00	107	CS315	ISKRA CONTACT SET FOR KNN315	2830.00
44	BA705-***	COIL FOR KNL80 - KNL90	426.00	108	CS450	ISKRA CONTACT SET FOR KNN450	2926.00
45	BA1574-***	COIL FOR KNL95 - KNL180	981.00	109	CS550	ISKRA CONTACT SET FOR KNN550	5035.00
46	BA1699-***	COIL FOR KNL250 - KNL400	1694.00	110	CS700	ISKRA CONTACT SET FOR KNN700	6328.00
47	BA1800-***	COIL FOR KNL500 - KNL630	3063.00				
48	11BA1575.1	ISKRA BRIDGE RECTIFIER (KNL95-KNL180)	677.00				
49	11BA1700.1	ISKRA BRIDGE RECTIFIER (KNL250-KNL400)	920.00				
50	11BA1799.1	ISKRA BRIDGE RECTIFIER (KNL500-KNL630)	1365.00				
AUXILIARY CONTACT BLOCKS							
51	G480-11	1NO+1NC AUXILIARY FOR KNL80-KNL90 SERIES	127.00				
52	G350	2NO+1NC or 1NO+2NC AUXILIARY FOR KNL SERIES	336.00				
53	G354	1NO+1NC AUXILIARY FOR KNL SERIES	282.00				
ACCESSORIES & SPARES							
54	G269-2	MECH INTERLOCK FOR KNL80-KNL90 SERIES	258.00				
55	G355	MECH INTERLOCK FOR KNL SERIES	190.00				

Note: Replace *** with Voltage value: AC - 024, 048, 110, 230, 400, 500

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
Thermal Overloads				Plug-in Relays			
<u>OVERLOADS for KN9 - KN63</u>				<u>PLUG-IN RELAYS & BASES</u>			
INDUSTRIAL CONTROL RELAYS				INDUSTRIAL CONTROL RELAYS			
<u>SERIES 68 - 8 PIN (10amp rating)</u>				<u>SERIES 68 - 8 PIN (10amp rating)</u>			
1	TRB1416-0.4	0.24-0.4A THERMAL OVERLOADS FOR KN9 - KN16	320.00	30	TRP6822-012AC	ISKRA 012VAC 8 PIN RELAY 2 C/O	84.00
2	TRB1416-0.63	0.38-0.63A THERMAL OVERLOADS FOR KN9 - KN16	320.00	31	TRP6822-024AC	ISKRA 024VAC 8 PIN RELAY 2 C/O	84.00
3	TRB1416-1	0.6-1A THERMAL OVERLOADS FOR KN9 - KN16	320.00	32	TRP6822-110AC	ISKRA 110VAC 8 PIN RELAY 2 C/O	94.00
4	TRB1416-1.6	0.96-1.6A THERMAL OVERLOADS FOR KN9 - KN16	320.00	33	TRP6822-230AC	ISKRA 230VAC 8 PIN RELAY 2 C/O	94.00
5	TRB1416-2.5	1.5-2.5A THERMAL OVERLOADS FOR KN9 - KN16	320.00	34	TRP6827-012DC	ISKRA 012VDC 8 PIN RELAY 2 C/O	91.00
6	TRB1416-4	2.4-4A THERMAL OVERLOADS FOR KN9 - KN16	320.00	35	TRP6827-024DC	ISKRA 024VDC 8 PIN RELAY 2 C/O	91.00
7	TRB1416-6.3	3.8-6.3A THERMAL OVERLOADS FOR KN9 - KN16	320.00	36	TRP6827-230DC	ISKRA 230VDC 8 PIN RELAY 2 C/O	123.00
8	TRB1416-10	6-10A THERMAL OVERLOADS FOR KN9 - KN16	320.00	<u>SERIES 69 - 11 PIN (10amp rating)</u>			
9	TRB1416-16	9-16A THERMAL OVERLOADS FOR KN9 - KN16	320.00	37	TRP6932-012AC	ISKRA 012VAC 11 PIN RELAY 3 C/O	102.00
10	TRB1430-25	15-25A THERMAL OVERLOADS FOR KN22 - KN30	347.00	38	TRP6932-024AC	ISKRA 024VAC 11 PIN RELAY 3 C/O	102.00
11	TRB1430-40	24-40A THERMAL OVERLOADS FOR KN22 - KN30	347.00	39	TRP6932-110AC	ISKRA 110VAC 11 PIN RELAY 3 C/O	113.00
12	BR43-21	ISKRA 14.5A to 21A THERMAL OL (KN43-KN63)	888.00	40	TRP6932-230AC	ISKRA 230VAC 11 PIN RELAY 3 C/O	113.00
13	BR43-30	ISKRA 21A to 30A THERMAL OL (KN43-KN63)	1069.00	41	TRP6937-012DC	ISKRA 012VDC 11 PIN RELAY 3 C/O	110.00
14	BR43-43	ISKRA 30A to 43A THERMAL OL (KN43-KN63)	1190.00	42	TRP6937-024DC	ISKRA 024VDC 11 PIN RELAY 3 C/O	110.00
15	BR43-63	ISKRA 43A to 63A THERMAL OL (KN43-KN63)	1236.00	43	TRP6937-230DC	ISKRA 230VDC 11 PIN RELAY 3 C/O	129.00
<u>CTx / THERMAL OVERLOADS for KNL95 - KNL400</u>				<u>DIN / SURFACE BASES for SERIES 68 & 69</u>			
16	ISCT80	56-80A CTx/THERMAL OVERLOAD	680.00	44	ES8	8 PIN BASE	40.00
17	ISCT100	70-100A CTx/THERMAL OVERLOAD	680.00	45	ES11	11 PIN BASE	42.00
18	ISCT150	105-150A CTx/THERMAL OVERLOAD	680.00	MINIATURE CONTROL RELAYS			
19	ISCT200	140-200A CTx/THERMAL OVERLOAD	795.00	<u>SERIES 312 - 8 PIN FLAT (10amp rating)</u>			
20	ISCT250	175-250A CTx/THERMAL OVERLOAD	795.00	46	TRP3124-012AC	ISKRA 012VAC 8 PIN FLAT 2 C/O MINITURE RELAY	67.00
21	ISCT300	210-300A CTx/THERMAL OVERLOAD	795.00	47	TRP3124-024AC	ISKRA 024VAC 8 PIN FLAT 2 C/O MINITURE RELAY	67.00
22	ISCT400	280-400A CTx/THERMAL OVERLOAD	795.00	48	TRP3124-110AC	ISKRA 110VAC 8 PIN FLAT 2 C/O MINITURE RELAY	79.00
<u>OVERLOADS for KO7M - MINI CONTACTOR</u>				49	TRP3124-230AC	ISKRA 230VAC 8 PIN FLAT 2 C/O MINITURE RELAY	79.00
23	BR7-1.5	1-1.5A THERMAL OVERLOADS (K07M)	292.00	50	TRP3124-012DC	ISKRA 012VDC 8 PIN FLAT 2 C/O MINITURE RELAY	65.00
24	BR6-1.9	1.3-1.9A THERMAL OVERLOADS (K07M)	292.00	51	TRP3124-024DC	ISKRA 024VDC 8 PIN FLAT 2 C/O MINITURE RELAY	65.00
25	BR7-2.1	1.4-2.1A THERMAL OVERLOADS (K07M)	292.00	<u>SERIES 314 - 14 PIN FLAT (5amp rating)</u>			
26	BR7-2.7	1.8-2.7A THERMAL OVERLOADS (K07M)	292.00	52	TRP3144-012AC	ISKRA 012VAC 14 PIN FLAT 4 C/O MINITURE RELAY	63.00
27	BR6-2.8	1.9-2.8A THERMAL OVERLOADS (K07M)	292.00	53	TRP3144-024AC	ISKRA 024VAC 14 PIN FLAT 4 C/O MINITURE RELAY	63.00
28	BR7-3.6	2.4-3.6A THERMAL OVERLOADS (K07M)	292.00	54	TRP3144-110AC	ISKRA 110VAC 14 PIN FLAT 4 C/O MINITURE RELAY	73.00
29	BR6-4	2.8-4A THERMAL OVERLOADS (K07M)	292.00	55	TRP3144-230AC	ISKRA 230VAC 14 PIN FLAT 4 C/O MINITURE RELAY	73.00
30	BR7-5	3.5-5.0A THERMAL OVERLOADS (K07M)	292.00	56	TRP3144-012DC	ISKRA 012VDC 14 PIN FLAT 4 C/O MINITURE RELAY	63.00
31	BR7-6	4.0-6.0A THERMAL OVERLOADS (K07M)	292.00	57	TRP3144-024DC	ISKRA 024VDC 14 PIN FLAT 4 C/O MINITURE RELAY	63.00
32	BR7-8.5	5.5-8.5A THERMAL OVERLOADS (K07M)	292.00	<u>DIN / SURFACE BASES for SERIES 312 & 314</u>			
				58	ES14/2	8 PIN FLAT BASE	41.00
				59	ES14/4	14 PIN FLAT BASE	50.00

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
MANUAL MOTOR STARTERS				DOL STARTERS			
1	MS25-0.16	ISKRA MMS 0.1-0.16	338.00	PLASTIC ENCLOSURES			
2	MS25-0.25	ISKRA MMS 0.16-0.25	338.00	DOL STARTERS without OVERLOADS - IP55			
3	MS25-0.4	ISKRA MMS 0.25-0.4	338.00	31	KMPL9/P4KW	ISKRA 4KW 380V DOL NO OVERLOAD	458.20
4	MS25-0.63	ISKRA MMS 0.4-0.63	338.00	32	KMPL12/P5KW	ISKRA 5.5KW 380V DOL NO OVERLOAD	505.20
5	MS25-1	ISKRA MMS 0.63-1	354.00	33	KMPL16/P7KW	ISKRA 7.5KW 380V DOL NO OVERLOAD	647.20
6	MS25-1.6	ISKRA MMS 1-1.6	384.00	ECONO DOL STARTERS with OVERLOADS - IP40 (No Push Buttons - for remote START - STOP)			
7	MS25-2.5	ISKRA MMS 1.6-2.5	384.00	34	ECP9-B/P1-400	ISKRA 0.37KW .6-1A 380V DOL 3PH NO P/BUTTONS	685.00
8	MS25-4	ISKRA MMS 2.5-4	384.00	35	ECP9-B/P2-400	ISKRA 0.55KW .96-1.6A 380V DOL 3PH NO P/BUTTONS	685.00
9	MS25-6.3	ISKRA MMS 4-6.3	384.00	36	ECP9-B/P3-400	ISKRA 0.75KW 1.5-2.5A 400V DOL 3PH NO P/BUTTONS	685.00
10	MS25-10	ISKRA MMS 6.3-10	446.00	37	ECP9-B/P4-400	ISKRA 1.1+1.5KW 2.4-4A 400V DOL 3PH NO P/BUTTONS	685.00
11	MS25-16	ISKRA MMS 10-16	446.00	38	ECP9-B/P5-400	ISKRA 2.2KW 3.8-6.3A 400V DOL 3PH NO P/BUTTONS	685.00
12	MS25-20	ISKRA MMS 16-20	468.00	39	ECP9-B/P6-400	ISKRA 4KW 6-10A 400V DOL 3PH NO P/BUTTONS	685.00
13	MS25-25	ISKRA MMS 20-25	607.00	40	ECP12-B/P7-400	ISKRA 5.5KW 9-16A 400V 3PH DOL NO P/BUTTONS	715.00
AUXILIARY CONTACTS				41	ECP16-B/P8-400	ISKRA 7.5KW 9-16A 400V 3PH DOL NO P/BUTTONS	850.00
14	PS-11	ISKRA MMS AUX 1NO+1NC	77.00	DOL STARTERS with OVERLOADS - IP55			
15	PS-20	ISKRA MMS AUX 2NO	77.00	42	KMPL9/P4S-230	ISKRA 0.25KW 2.4-4A 230V 1PHASE DOL STD	776.00
UNDERVOLTAGE RELEASE				43	KMPL9/P4A-230	ISKRA 0.25KW 2.4-4A 230V 1PHASE DOL+AMM	1089.00
16	UV-400V	ISKRA MMS UNDERVOLTAGE RELEASE	218.00	44	KMPL9/P5S-230	ISKRA 0.37+0.55KW 3.8-6.3A 230V 1PHASE DOL STD	776.00
ENCLOSURE - IP55				45	KMPL9/P5A-230	ISKRA 0.37-0.55KW 3.8-6.3 230V 1PH DOL+AMM	1089.00
17	O-55	ISKRA MMS SURF MOUNT ENCLOSURE	129.00	46	KMPL9/P6S-230	ISKRA 0.75+1.1KW 6-10A 230V 1PHASE DOL STD	776.00
18	CP-55	ISKRA FLUSH MOUNTING FRONT PLATE	104.00	47	KMPL9/P6A-230	ISKRA 0.75-1.1KW 6-10A 230V 1PHASE DOL+AMM	1089.00
19	O-55/REDU	P.V.C. 25mm TO 20mm REDUCER	12.00	48	KMPL12/P7S-230	ISKRA 1.5KW 9-16A 230V 1PHASE DOL STD	823.00
20	O-55/BOOT	ISKRA PUSH-BUTTON DIAPHRAGM FOR O-55	17.00	49	KMPL12/P7A-230	ISKRA 1.5KW 9-16A 230V 1PHASE DOL+AMM	1119.00
INSULATED TP BUSBAR CONNECTIONS				50	KMPL22/P9S-230	ISKRA 2.2KW 15-25A 230V 1PHASE DOL STD	1210.00
21	MSB-2X3	ISKRA BUSBAR 2 MOD 3P	127.00	51	KMPL22/P9A-230	ISKRA 2.2KW 15-25A 230V 1PHASE DOL+AMM	1540.00
22	MSB-3X3	ISKRA BUSBAR 3 MOD 3P	160.00	52	KMPL30/P10S-230	ISKRA 4KW 24-40A 230V 1PHASE DOL STD	POA
23	MSB-4X3	ISKRA BUSBAR 4 MOD 3P	190.00	53	KMPL30/P10A-230	ISKRA 4KW 24-40A 230V 1PHASE DOL+AMM	POA
24	MSB-5X3	ISKRA BUSBAR 5 MOD 3P	217.00	54	KMPL9/P1S-400	ISKRA 0.37KW 0.6-1A 400V 3PHASE DOL STD	776.00
25	MSB-2X3-PS	ISKRA BUSBAR 2 MOD 3P + AUXILIARY	190.00	55	KMPL9/P1A-400	ISKRA 0.37KW 0.6-1A 400V 3PHASE DOL+AMM	1089.00
26	MSB-3X3-PS	ISKRA BUSBAR 3 MOD 3P + AUXILIARY	214.00	56	KMPL9/P2S-400	ISKRA 0.55KW 0.96-1.6 400V 3PHASE DOL STD	776.00
27	MSB-4X3-PS	ISKRA BUSBAR 4 MOD 3P + AUXILIARY	234.00	57	KMPL9/P2A-400	ISKRA 0.55KW 0.96-1.6A 400V 3PHASE DOL+AMM	1089.00
28	MSB-5X3-PS	ISKRA BUSBAR 5 MOD 3P + AUXILIARY	272.00	58	KMPL9/P3S-400	ISKRA 0.75KW 1.5-2.5A 400V 3PHASE DOL STD	776.00
29	WSB-S-V-MS	ISKRA BUSBAR FEED-IN TERMINAL 3P	156.00	59	KMPL9/P3A-400	ISKRA 0.75KW 1.5-2.5A 400V 3PHASE DOL+AMM	1089.00
30	BS-MS-0	ISKRA BUSBAR PROTECTION COVER	65.00	60	KMPL9/P4S-400	ISKRA 1.1+1.5KW 2.4-4A 400V 3PHASE DOL STD	776.00
				61	KMPL9/P4A-400	ISKRA 1.1+1.5KW 2.4-4A 400V 3PHASE DOL+AMM	1089.00
				62	KMPL9/P5S-400	ISKRA 2.2KW 3.8-6.3A 400V 3PHASE DOL STD	776.00
				63	KMPL9/P5A-400	ISKRA 2.2KW 3.8-6.3A 400V 3PHASE DOL+AMM	1089.00
				64	KMPL9/P6S-400	ISKRA 4KW 6-10A 400V 3PHASE DOL STD	776.00
				65	KMPL9/P6A-400	ISKRA 4KW 6-10A 400V 3PHASE DOL+AMM	1089.00
				66	KMPL12/P7S-400	ISKRA 5.5KW 9-16A 400V 3PHASE DOL STD	823.00
				67	KMPL12/P7A-400	ISKRA 5.5KW 9-16A 400V 3PHASE DOL+AMM	1119.00
				68	KMPL16/P8S-400	ISKRA 7.5KW 9-16A 400V 3PHASE DOL STD	965.00
				69	KMPL16/P8A-400	ISKRA 7.5KW 9-16A 400V 3PHASE DOL+AMM	1287.00
				70	KMPL22/P9S-400	ISKRA 11KW 15-25A 400V 3PHASE DOL STD	1210.00
				71	KMPL22/P9A-400	ISKRA 11KW 15-25A 400V 3PHASE DOL+AMM	1540.00
				72	KMPL30/P10S-400	ISKRA 15KW 24-40A 400V 3PHASE DOL STD	POA
				73	KMPL30/P10A-400	ISKRA 15KW 24-40A 400V 3PHASE DOL+AMM	POA

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>DOL STARTERS</u>				<u>DOL REV STARTERS</u>			
METAL ENCLOSURE				PLASTIC ENCLOSURE			
<u>DOL STARTERS fitted with Mains Terminals</u> Encl							
1	IDL/M1S	ISKRA 0.37KW DOL 380V METAL ENCL STD	EPS 1670.00	61	IDLR/P1S	ISKRA 0.37KW 380V REV PVC STD	1798.00
2	IDL/M1A	ISKRA 0.37KW DOL 380V METAL + AMM	EPS 1974.00	62	IDLR/P1I	ISKRA 0.37KW 380V REV PVC+ISOL	2240.00
3	IDL/M1I	ISKRA 0.37KW DOL 380V METAL + ISOL	EPS 2093.00	63	IDLR/P2S	ISKRA 0.55KW 380V REV PVC STD	1798.00
4	IDL/M1AI	ISKRA 0.37 KW 380V METAL + AMM + ISOL	EPS 2405.00	64	IDLR/P2I	ISKRA 0.55KW 380V REV PVC+ISOL	2240.00
5	IDL/M2S	ISKRA 0.55KW DOL 380V METAL ENCL STD	EPS 1670.00	65	IDLR/P3S	ISKRA 0.75KW 380V REV PVC STD	1798.00
6	IDL/M2A	ISKRA 0.55KW DOL 380V METAL + AMM	EPS 1974.00	66	IDLR/P3I	ISKRA 0.75KW 380V REV PVC+ISOL	2240.00
7	IDL/M2I	ISKRA 0.55KW DOL 380V METAL + ISOL	EPS 2093.00	67	IDLR/P4S	ISKRA 1.1+1.5KW 380V REV PVC STD	1798.00
8	IDL/M2AI	ISKRA 0.55 KW 380V METAL + AMM + ISOL	EPS 2405.00	68	IDLR/P4I	ISKRA 1.1+1.5KW 380V REV PVC+ISOL	2240.00
9	IDL/M3S	ISKRA 0.75KW DOL 380V METAL ENCL STD	EPS 1670.00	69	IDLR/P5S	ISKRA 2.2KW 380V REV PVC STD	1798.00
10	IDL/M3A	ISKRA 0.75KW DOL 380V METAL + AMM	EPS 1974.00	70	IDLR/P5I	ISKRA 2.2KW 380V REV PVC+ISOL	2240.00
11	IDL/M3I	ISKRA 0.75KW DOL 380V METAL + ISOL	EPS 2093.00	71	IDLR/P6S	ISKRA 4KW 380V REV PVC STD	1798.00
12	IDL/M3AI	ISKRA 0.75 KW 380V METAL + AMM + ISOL	EPS 2405.00	72	IDLR/P6I	ISKRA 4KW 380V REV PVC+ISOL	2240.00
13	IDL/M4S	ISKRA 1.1 + 1.5KW DOL 380V METAL ENCL STD	EPS 1670.00	73	IDLR/P7S	ISKRA 5.5KW 380V REV PVC STD	1870.00
14	IDL/M4A	ISKRA 1.1+1.5KW DOL 380V METAL + AMM	EPS 1974.00	74	IDLR/P7I	ISKRA 5.5KW 380V REV PVC+ISOL	2301.00
15	IDL/M4I	ISKRA 1.1+1.5KW DOL 380V METAL + ISOL	EPS 2093.00	75	IDLR/P8S	ISKRA 7.5KW 380V REV PVC STD	2095.00
16	IDL/M4AI	ISKRA 1.1+1.5KW 380V METAL + AMM + ISOL	EPS 2405.00	76	IDLR/P8I	ISKRA 7.5KW 380V REV PVC+ISOL	2560.00
17	IDL/M5S	ISKRA 2.2KW DOL 380V METAL ENCL STD	EPS 1670.00	77	IDLR/P9S	ISKRA 11KW 380V REV PVC STD	2409.00
18	IDL/M5A	ISKRA 2.2KW DOL 380V METAL + AMM	EPS 1974.00	78	IDLR/P9I	ISKRA 11KW 380V REV PVC+ISOL	2753.00
19	IDL/M5I	ISKRA 2.2KW DOL 380V METAL + ISOL	EPS 2093.00	79	IDLR/P10S	ISKRA 15KW 380V REV PVC STD	2897.00
20	IDL/M5AI	ISKRA 2.2KW DOL 380V METAL + AMM + ISOL	EPS 2405.00	80	IDLR/P10I	ISKRA 15KW 380V REV PVC+ISOL	3395.00
21	IDL/M6S	ISKRA 4KW DOL 380V METAL ENCL STD	EPS 1670.00	METAL ENCLOSURE Encl			
22	IDL/M6A	ISKRA 4KW DOL 380V METAL + AMM	EPS 1974.00	81	IDLR/M1S	ISKRA 0.37KW REV DOL 380V METAL STD	EPS 2182.00
23	IDL/M6I	ISKRA 4KW DOL 380V METAL + ISOL	EPS 2093.00	82	IDLR/M1I	ISKRA 0.37KW REV DOL 380V METAL+ISOL	EPS 2559.00
24	IDL/M6AI	ISKRA 4KW DOL 380V METAL + AMM + ISOL	EPS 2405.00	83	IDLR/M2S	ISKRA 0.55KW REV DOL 380V METAL STD	EPS 2182.00
25	IDL/M7S	ISKRA 5.5KW DOL 380V METAL ENCL STD	EPS 1709.00	84	IDLR/M2I	ISKRA 0.55KW REV DOL 380V METAL+ISOL	EPS 2559.00
26	IDL/M7A	ISKRA 5.5KW DOL 380V METAL + AMM	EPS 2009.00	85	IDLR/M3S	ISKRA 0.75KW REV DOL 380V METAL STD	EPS 2182.00
27	IDL/M7I	ISKRA 5.5KW DOL 380V METAL + ISOL	EPS 2135.00	86	IDLR/M3I	ISKRA 0.75KW REV DOL 380V METAL+ISOL	EPS 2559.00
28	IDL/M7AI	ISKRA 5.5KW DOL 380V METAL + AMM + ISOL	EPS 2441.00	87	IDLR/M4S	ISKRA 1.1+1.5KW REV DOL 380V METAL STD	EPS 2182.00
29	IDL/M8S	ISKRA 7.5KW DOL 380V METAL ENCL STD	EPS 1862.00	88	IDLR/M4I	ISKRA 1.1+1.5KW REV DOL 380V METAL+ISOL	EPS 2559.00
30	IDL/M8A	ISKRA 7.5KW DOL 380V METAL + AMM	EPS 2166.00	89	IDLR/M5S	ISKRA 2.2KW REV DOL 380V METAL STD	EPS 2182.00
31	IDL/M8I	ISKRA 7.5KW DOL 380V METAL + ISOL	EPS 2211.00	90	IDLR/M5I	ISKRA 2.2KW REV DOL 380V METAL+ISOL	EPS 2559.00
32	IDL/M8AI	ISKRA 7.5KW DOL 380V METAL + AMM + ISOL	EPS 2512.00	91	IDLR/M6S	ISKRA 4KW REV DOL 380V METAL STD	EPS 2182.00
33	IDL/M9S	ISKRA 11KW DOL 380V METAL ENCL STD	EPS 2081.00	92	IDLR/M6I	ISKRA 4KW REV DOL 380V METAL+ISOL	EPS 2559.00
34	IDL/M9A	ISKRA 11KW DOL 380V METAL + AMM	EPS 2457.00	93	IDLR/M7S	ISKRA 5.5KW REV DOL 380V METAL STD	EPS 2246.00
35	IDL/M9I	ISKRA 11KW DOL 380V METAL + ISOL	EPS 2556.00	94	IDLR/M7I	ISKRA 5.5KW REV DOL 380V METAL+ISOL	EPS 2726.00
36	IDL/M9AI	ISKRA 11KW DOL 380V METAL + AMM + ISOL	EPS 2940.00	95	IDLR/M8S	ISKRA 7.5KW REV DOL 380V METAL STD	EPS 2519.00
37	IDL/M10S	ISKRA 15KW DOL 380V METAL ENCL STD	EPS 2167.00	96	IDLR/M8I	ISKRA 7.5KW REV DOL 380V METAL+ISOL	EPS 3021.00
38	IDL/M10A	ISKRA 15KW DOL 380V METAL + AMM	EPS 2690.00	97	IDLR/M9S	ISKRA 11KW REV DOL 380V METAL STD	EPS 2790.00
39	IDL/M10I	ISKRA 15KW DOL 380V METAL + ISOL	EPS 2635.00	98	IDLR/M9I	ISKRA 11KW REV DOL 380V METAL+ISOL	EPS 3207.00
40	IDL/M10AI	ISKRA 15 KW DOL 380V METAL + AMM + ISOL	EPS 3163.00	99	IDLR/M10S	ISKRA 15KW REV DOL 380V METAL STD	EPS 3376.00
41	IDL/M11S	ISKRA 18.5KW DOL 380V METAL ENCL STD	EPMED 3309.00	100	IDLR/M10I	ISKRA 15KW REV DOL 380V METAL+ISOL	EPS 3883.00
42	IDL/M11A	ISKRA 18.5KW DOL 380V METAL + AMM	EPMED 3841.00	101	IDLR/M11S	ISKRA 18.5KW REV DOL 380V METAL STD	EPMED 4904.00
43	IDL/M11I	ISKRA 18.5KW DOL 380V METAL + ISOL	EPMED 3749.00	102	IDLR/M11I	ISKRA 18.5KW REV DOL 380V METAL+ISOL	EPMED 5457.00
44	IDL/M11AI	ISKRA 18.5KW DOL 380V METAL + AMM + ISOL	EPMED 4279.00	103	IDLR/M12S	ISKRA 22KW REV DOL 380V METAL STD	EPMED 5301.00
45	IDL/M12S	ISKRA 22KW DOL 380V METAL ENCL STD	EPMED 3333.00	104	IDLR/M12I	ISKRA 22KW REV DOL 380V METAL+ISOL	EPMED 5884.00
46	IDL/M12A	ISKRA 22KW DOL 380V METAL + AMM	EPMED 3867.00	105	IDLR/M13S	ISKRA 30KW REV DOL 380V METAL STD	EPMED 6301.00
47	IDL/M12I	ISKRA 22KW DOL 380V METAL + ISOL	EPMED 3775.00	106	IDLR/M13I	ISKRA 30KW REV DOL 380V METAL+ISOL	EPMED 6997.00
48	IDL/M12AI	ISKRA 22KW DOL 380V METAL + AMM + ISOL	EPMED 4308.00	107	IDLR/M14S	ISKRA 37KW REV DOL 380V METAL STD	EPMED 9575.00
49	IDL/M13S	ISKRA 30KW DOL 380V METAL ENCL STD	EPMED 3819.00	108	IDLR/M14I	ISKRA 37KW REV DOL 380V METAL+ISOL	EPMED 10531.00
50	IDL/M13A	ISKRA 30KW DOL 380V METAL + AMM	EPMED 4293.00	<u>AUTO TRANS. STARTERS</u> Encl			
51	IDL/M13I	ISKRA 30KW DOL 380V METAL + ISOL	EPMED 4288.00	Fitted with: Surge Arrestors			
52	IDL/M13AI	ISKRA 30KW DOL 380V METAL + AMM + ISOL	EPMED 4760.00	109	ITX1S	ISKRA 7.5KW AUTO TRANS. STARTER STD	EPL 9380.00
53	IDL/M14S	ISKRA 37KW DOL 380V METAL ENCL STD	EPL 5279.00	110	ITX1I	ISKRA 7.5KW AUTO TRANS. STARTER+ISOL	EPL 9417.00
54	IDL/M14A	ISKRA 37KW DOL 380V METAL + AMM	EPL 5764.00	111	ITX2S	ISKRA 11KW AUTO TRANS. STARTER STD	EPL 9733.00
55	IDL/M14I	ISKRA 37KW DOL 380V METAL + ISOL	EPL 6093.00	112	ITX2I	ISKRA 11KW AUTO TRANS. STARTER+ISOL	EPL 9991.00
56	IDL/M14AI	ISKRA 37KW DOL 380V METAL + AMM + ISOL	EPL 6583.00	113	ITX3S	ISKRA 15KW AUTO TRANS. STARTER STD	EPL 10139.00
57	IDL/M15S	ISKRA 45KW DOL 380V METAL ENCL STD	EPL 5575.00	114	ITX3I	ISKRA 15KW AUTO TRANS. STARTER+ISOL	EPL 10402.00
58	IDL/M15A	ISKRA 45KW DOL 380V METAL + AMM	EPL 6074.00	115	ITX4S	ISKRA 18.5KW AUTO TRANS. STARTER STD	EPXL 12121.00
59	IDL/M15I	ISKRA 45KW DOL 380V METAL + ISOL	EPL 6829.00	116	ITX4I	ISKRA 18.5KW AUTO TRANS. STARTER+ISOL	EPXL 12408.00
60	IDL/M15AI	ISKRA 45KW DOL 380V METAL + AMM + ISOL	EPL 7321.00	117	ITX5S	ISKRA 22KW AUTO TRANS. STARTER STD	EPXL 13716.00
				118	ITX5I	ISKRA 22KW AUTO TRANS. STARTER+ISOL	EPXL 14044.00
				119	ITX6S	ISKRA 30KW AUTO TRANS. STARTER STD	EPXL 14846.00
				120	ITX6I	ISKRA 30KW AUTO TRANS. STARTER+ISOL	EPXL 15294.00
				121	ITX7S	ISKRA 37KW AUTO TRANS. STARTER STD	EP700 21844.00
				122	ITX7I	ISKRA 37KW AUTO TRANS. STARTER+ISOL	EP700 22612.00
				123	ITX8S	ISKRA 45KW AUTO TRANS. STARTER STD	EP700 23320.00
				124	ITX8I	ISKRA 45KW AUTO TRANS. STARTER+ISOL	EP700 24296.00
				125	ITX9S	ISKRA 55KW AUTO TRANS. STARTER STD	EPAUTO 24984.00
				126	ITX9I	ISKRA 55KW AUTO TRANS. STARTER+ISOL	EPAUTO 25955.00
				<u>LOOSE AUTO TRANSFORMERS</u>			
				Fitted with: Terminals & Klixon			
				127	15AUTO	15/18.5KW AUTO TRANSFORMER	4540.00
				128	22AUTO	22/30KW AUTO TRANSFORMER	5908.00
				129	37AUTO	37KW AUTO TRANSFORMER	8647.00
				130	45AUTO	45KW AUTO TRANSFORMER	9764.00

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
AUTOMATIC STAR DELTA STARTERS				AQUASOFT SERIES "2000" SOFT STARTER			
<i>Encl</i>				Fitted with: Surge Arrestors			
1	IKYD1O	ISKRA 7.5KW STAR DELTA OPEN	1960.00	74	AQS11	AVANTI AQUASOFT STARTER 11KW	8599.00
2	IKYD1S	ISKRA 7.5KW STAR DELTA STD	2901.00	75	AQS15	AVANTI AQUASOFT STARTER 15KW	9021.00
3	IKYD1A	ISKRA 7.5KW STAR DELTA + AMM	3280.00	76	AQS18	AVANTI AQUASOFT STARTER 18.5KW	10803.00
4	IKYD1I	ISKRA 7.5KW STAR DELTA + ISOL	3299.00	77	AQS22	AVANTI AQUASOFT STARTER 22.0 KW	11330.00
5	IKYD1AI	ISKRA 7.5KW STAR DELTA + AMM + ISOL	3688.00	78	AQS30	AVANTI AQUASOFT STARTER 30.0 KW	12140.00
6	IKYD2O	ISKRA 11KW STAR DELTA OPEN	2158.00	79	AQS37	AVANTI AQUASOFT STARTER 37.0 KW	17296.00
7	IKYD2S	ISKRA 11KW STAR DELTA STD	3113.00	80	AQS45	AVANTI AQUASOFT STARTER 45.0 KW	21732.00
8	IKYD2A	ISKRA 11KW STAR DELTA + AMM	3492.00	81	AQS55	AVANTI AQUASOFT STARTER 55.0 KW	24017.00
9	IKYD2I	ISKRA 11KW STAR DELTA + ISOL	3524.00	82	MCSS2	SPARE AQUASOFT 2000 SERIES PCB CARD	1330.00
10	IKYD2AI	ISKRA 11KW STAR DELTA + AMM + ISOL	3910.00	POWERSOFT SERIES SOFT STARTER			
11	IKYD3O	ISKRA 15KW STAR DELTA OPEN	2589.00	83	PS11	POWERSOFT STARTER 11KW	8060.00
12	IKYD3S	ISKRA 15KW STAR DELTA STD	3413.00	84	PS15	POWERSOFT STARTER 15KW	8557.00
13	IKYD3A	ISKRA 15KW STAR DELTA + AMM	3950.00	85	PS18	POWERSOFT STARTER 18.5KW	10661.00
14	IKYD3I	ISKRA 15KW STAR DELTA + ISOL	3767.00	86	PS22	POWERSOFT STARTER 22.0 KW	11185.00
15	IKYD3AI	ISKRA 15KW STAR DELTA + AMM + ISOL	4252.00	87	PS30	POWERSOFT STARTER 30.0 KW	12283.00
16	IKYD4O	ISKRA 18.5KW STAR DELTA OPEN	2631.00	88	PS37	POWERSOFT STARTER 37.0 KW	17364.00
17	IKYD4S	ISKRA 18.5KW STAR DELTA STD	3612.00	89	PS45	POWERSOFT STARTER 45.0 KW	20927.00
18	IKYD4A	ISKRA 18.5KW STAR DELTA + AMM	4085.00	90	PS55	POWERSOFT STARTER 55.0 KW	24942.00
19	IKYD4I	ISKRA 18.5KW STAR DELTA + ISOL	4249.00	91	PS75	POWERSOFT STARTER 75.0 KW	26865.00
20	IKYD4AI	ISKRA 18.5KW STAR DELTA + AMM + ISOL	4728.00	SOLCOM SOFT STARTERS			
21	IKYD5O	ISKRA 22KW STAR DELTA OPEN	3001.00	SE Series (mini soft starters)			
22	IKYD5S	ISKRA 22KW STAR DELTA STD	4124.00	* Built in Bypass Contact			
23	IKYD5A	ISKRA 22KW STAR DELTA + AMM	4608.00	* No O/L protection			
24	IKYD5I	ISKRA 22KW STAR DELTA + ISOL	4640.00	* To be used with DOL Starters			
25	IKYD5AI	ISKRA 22KW STAR DELTA + AMM + ISOL	5130.00	92	HPISE40-06-C-10	HAPN 2.2kw 6a 400v 3ph SOFT STARTER 230v Ctrl	1980.00
26	IKYD6O	ISKRA 30KW STAR DELTA OPEN	4451.00	93	HPISE40-10-C-10	HAPN 4kw 10a 400v 3ph SOFT STARTER 230v Ctrl	2107.00
27	IKYD6S	ISKRA 30KW STAR DELTA STD	5425.00	94	HPISE40-16-C-10	HAPN 7.5kw 16a 400v 3ph SOFT STARTER 230v Ctrl	2772.00
28	IKYD6A	ISKRA 30KW STAR DELTA + AMM	5900.00	DB Series			
29	IKYD6I	ISKRA 30KW STAR DELTA + ISOL	5848.00	* Must be used with Bypass Contactor			
30	IKYD6AI	ISKRA 30KW STAR DELTA + AMM + ISOL	6314.00	* Bypass terminals provided			
31	IKYD7O	ISKRA 37KW STAR DELTA OPEN	5482.00	* Complete with Motor O/L Protection			
32	IKYD7S	ISKRA 37KW STAR DELTA STD	7049.00	95	HPS2DB145-400-230-A	SOLCOM 75kw 145a 400v SOFT STARTER 230v Ctrl	13042.00
33	IKYD7A	ISKRA 37KW STAR DELTA + AMM	7526.00	96	HPS2DB210-400-230-A	SOLCOM 110kw 210a 400v SOFT STARTER 230v Ctrl	21384.00
34	IKYD7I	ISKRA 37KW STAR DELTA + ISOL	8234.00	97	HPS2DB250-400-230-A	SOLCOM 132kw 250a 400v SOFT STARTER 230v Ctrl	23496.00
35	IKYD7AI	ISKRA 37KW STAR DELTA + AMM + ISOL	8706.00	DN Series			
36	IKYD8O	ISKRA 45KW STAR DELTA OPEN	6181.00	* Fully rated			
37	IKYD8S	ISKRA 45KW STAR DELTA STD	7273.00	* Bypass terminals provided			
38	IKYD8A	ISKRA 45KW STAR DELTA + AMM	7746.00	* Complete with Motor O/L Protection			
39	IKYD8I	ISKRA 45KW STAR DELTA + ISOL	8438.00	98	HPS2DN300-400-230-2-6	SOLCOM 160kw 300a 400v SOFT STARTER 230v Ctrl	30492.00
40	IKYD8AI	ISKRA 45KW STAR DELTA + AMM + ISOL	8931.00	99	HPS2DN470-400-230-2-6	SOLCOM 250kw 470a 400v SOFT STARTER 230v Ctrl	40445.00
41	IKYD9O	ISKRA 55KW STAR DELTA OPEN	6920.00	S Series			
42	IKYD9S	ISKRA 55KW STAR DELTA STD	8343.00	* Fully rated			
43	IKYD9A	ISKRA 55KW STAR DELTA + AMM	8803.00	* Direct supply or Delta loop			
44	IKYD9I	ISKRA 55KW STAR DELTA + ISOL	9650.00	* No O/L protection			
45	IKYD9AI	ISKRA 55KW STAR DELTA + AMM + ISOL	10125.00	* No Bypass terminals provided			
46	IKYD10S	ISKRA 75KW STAR DELTA STD	11000.00	100	HPS2S30/52-400-230	SOLCOM 15kw 30a 400v SOFT STARTER 230v Ctrl	5791.00
47	IKYD10A	ISKRA 75KW STAR DELTA + AMM	11494.00	101	HPS2S44/76-400-230	SOLCOM 22kw 44a 400v SOFT STARTER 230v Ctrl	6709.00
48	IKYD10I	ISKRA 75KW STAR DELTA + ISOL	12118.00	102	HPS2S72/124-400-230	SOLCOM 37kw 72a 400v SOFT STARTER 230v Ctrl	9465.00
49	IKYD10AI	ISKRA 75KW STAR DELTA + AMM + ISOL	12581.00	103	HPS2S85/147-400-230	SOLCOM 45kw 85a 400v SOFT STARTER 230v Ctrl	11454.00
50	IKYD11S	ISKRA 90KW STAR DELTA STD	15987.00	104	HPS2S105/181-400-230	SOLCOM 55kw 105a 400v SOFT STARTER 230v Ctrl	14107.00
51	IKYD11A	ISKRA 90KW STAR DELTA + AMM	16441.00	105	HPS2S300/515-400-230	SOLCOM 160kw 300a 400v SOFT STARTER 230v Ctrl	33088.00
52	IKYD11I	ISKRA 90KW STAR DELTA + ISOL	17533.00				
53	IKYD11AI	ISKRA 90KW STAR DELTA + AMM + ISOL	18000.00				
54	IKYD12S	ISKRA 110KW STAR DELTA STD	15975.00				
55	IKYD12A	ISKRA 110KW STAR DELTA + AMM	16425.00				
56	IKYD12I	ISKRA 110KW STAR DELTA + ISOL	19020.00				
57	IKYD12AI	ISKRA 110KW STAR DELTA + AMM + ISOL	19497.00				
58	IKYD13S	ISKRA 132KW STAR DELTA STD	18488.00				
59	IKYD13A	ISKRA 132KW STAR DELTA + AMM	19021.00				
60	IKYD13I	ISKRA 132KW STAR DELTA + ISOL	22673.00				
61	IKYD13AI	ISKRA 132KW STAR DELTA + AMM + ISOL	23181.00				
62	IKYD14S	ISKRA 160KW STAR DELTA STD	20774.00				
63	IKYD14A	ISKRA 160KW STAR DELTA + AMM	21261.00				
64	IKYD14I	ISKRA 160KW STAR DELTA + ISOL	24512.00				
65	IKYD14AI	ISKRA 160KW STAR DELTA + AMM + ISOL	25029.00				
66	IKYD15S	ISKRA 220KW STAR DELTA STD	28185.00				
67	IKYD15A	ISKRA 220KW STAR DELTA + AMM	28653.00				
68	IKYD15I	ISKRA 220KW STAR DELTA + ISOL	32441.00				
69	IKYD15AI	ISKRA 220KW STAR DELTA + AMM + ISOL	32927.00				
70	IKYD16S	ISKRA 315KW STAR DELTA STD	41427.00				
71	IKYD16A	ISKRA 315KW STAR DELTA + AMM	41944.00				
72	IKYD16I	ISKRA 315KW STAR DELTA + ISOL	48280.00				
73	IKYD16AI	ISKRA 315KW STAR DELTA + AMM + ISOL	48832.00				

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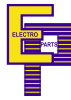
**Borehole Starters
Fitted Extras**



Variable Speed Drives

No.	Part No.	Description	Price	No.	Part No.	Description	Price
BOREHOLE PUMP-MOTOR STARTERS				VARIABLE SPEED A.C. MOTOR DRIVES			
Special 3PH DOL in Metal Enclosures Fitted with: Surge Arrestors				CHASSIS ENCLOSURE - IP20			
ISKRA - ECONO Series Encl				220V SINGLE PHASE INPUT - Commander (Vector) - (HEAVY DUTY)			
1	PPRI-5E	5.5 KW PPR BOREHOLE STARTER	EPECONO 2062.00	73	SKA1200025	0.25KW 200/240VAC SP VARIABLE DRIVE 1.7 amps	2316.00
2	BBI-1.5E	1.5 KW BLACBOCS BOREHOLE STARTER	EPECONO 3575.00	74	SKA1200037	0.37KW 200/240VAC SP VARIABLE DRIVE 2.2 amps	2462.00
3	BBI-4E	4 KW BLACBOCS BOREHOLE STARTER	EPECONO 3575.00	75	SKA1200055	0.55KW 200/240VAC SP VARIABLE DRIVE 3 amps	2534.00
4	BBI-5E	5.5 KW BLACBOCS BOREHOLE STARTER	EPECONO 3608.00	76	SKA1200075	0.75KW 200/240VAC SP VARIABLE DRIVE 4 amps	2787.00
ISKRA - Avanti PPR Series Encl				77	SKBD200150	1.50KW 200/240VAC SP VARIABLE DRIVE 7 amps	3388.00
5	PPRI-5S	5.5 KW PPR STARTER STD	EPS 2569.00	78	SKCD200220	2.20KW 200/240VAC SP VARIABLE DRIVE 9.6 amps	5212.00
6	PPRI-5A	5.5 KW PPR STARTER+AMM	EPS 2870.00	400V THREE PHASE INPUT - Commander (Vector) - (HEAVY DUTY)			
7	PPRI-7S	7.5 KW PPR STARTER STD	EPS 2679.00	79	SKB3400075	0.75KW 400/480VAC TP VARIABLE DRIVE 2.1 amps	4126.00
8	PPRI-7A	7.5 KW PPR STARTER+AMM	EPS 2984.00	80	SKB3400150	1.50KW 400/480VAC TP VARIABLE DRIVE 3.8 amps	4778.00
9	PPRI-11S	11 KW PPR STARTER STD	EPS 2804.00	81	SKC3400220	2.20KW 400/480VAC TP VARIABLE DRIVE 5.1 amps	5214.00
10	PPRI-11A	11 KW PPR STARTER+AMM	EPS 3219.00	82	SKC3400300	3KW 400/480VAC TP VARIABLE DRIVE 7.2 amps	6190.00
11	PPRI-15S	15 KW PPR STARTER STD	EPS 2932.00	83	SKC3400400	4KW 400/480VAC TP VARIABLE DRIVE 9 amps	6878.00
12	PPRI-15A	15 KW PPR STARTER+AMM	EPS 3351.00	84	SKD3400550	5.5KW 400/480VAC TP VARIABLE DRIVE 13 amps	8004.00
13	PPRI-18S	18 KW PPR STARTER STD	EPMED 3952.00	85	SKD3400750	7.5KW 400/480VAC TP VARIABLE DRIVE 16.5 amps	9530.00
14	PPRI-18A	18 KW PPR STARTER+AMM	EPMED 4433.00	86	SK2403	11KW 400/480VAC TP VARIABLE DRIVE 25 amps	11730.00
15	PPRI-22S	22 KW PPR STARTER STD	EPMED 3952.00	87	SK3401	15KW 400/480VAC TP VARIABLE DRIVE 32 amps	15906.00
16	PPRI-22A	22 KW PPR STARTER+AMM	EPMED 4433.00	88	SK3402	18.5KW 400/480VAC TP VARIABLE DRIVE 40 amps	17567.00
17	PPRI-30S	30 KW PPR STARTER STD	EPMED 4587.00	89	SK3403	22KW 400/480VAC TP VARIABLE DRIVE 46 amps	21276.00
18	PPRI-30A	30 KW PPR STARTER+AMM	EPMED 5066.00	400V THREE PHASE INPUT - Commander (Vector) - (NORMAL DUTY)			
19	PPRI-37S	37 KW PPR STARTER STD	EPL 7031.00	(for use with centrifugal pumps & fans)			
20	PPRI-37A	37 KW PPR STARTER+AMM	EPL 7506.00	90	SK2403	15KW 400/480VAC TP VARIABLE DRIVE 29 amps	11730.00
21	PPRI-45S	45 KW PPR STARTER STD	EPL 7305.00	91	SK3401	18.5KW 400/480VAC TP VARIABLE DRIVE 35 amps	15906.00
22	PPRI-45A	45 KW PPR STARTER+AMM	EPL 7787.00	92	SK3402	22KW 400/480VAC TP VARIABLE DRIVE 43 amps	17567.00
ISKRA - Blac Bocs Series Encl				93	SK3403	30KW 400/480VAC TP VARIABLE DRIVE 56 amps	21276.00
23	BBI-1.5S	1.5KW BLACBOCS STARTER STD	EPS 3802.00	ACCESSORIES			
24	BBI-1.5A	1.5KW BLACBOCS STARTER+AMM	EPS 4117.00	94	10KPOT	10 kOhm POTENTIOMETER + KNOB & SCALE PLATE	55.60
25	BBI-5S	5.5KW BLACBOCS STARTER STD	EPS 3802.00	95	LCD/LOGIK	LOGIK STICK, KEYPAD & LCD	3277.00
26	BBI-5A	5.5KW BLACBOCS STARTER+AMM	EPS 4117.00				
27	BBI-7S	7.5KW BLACBOCS STARTER STD	EPS 4216.00				
28	BBI-7A	7.5KW BLACBOCS STARTER+AMM	EPS 4528.00				
29	BBI-11S	11KW BLACBOCS STARTER STD	EPS 4336.00				
30	BBI-11A	11KW BLACBOCS STARTER+AMM	EPS 4754.00				
31	BBI-15S	15KW BLACBOCS STARTER STD	EPS 4441.00				
32	BBI-15A	15KW BLACBOCS STARTER+AMM	EPS 4880.00				
33	BBI-18S	18KW BLACBOCS STARTER STD	EPMED 5526.00				
34	BBI-18A	18KW BLACBOCS STARTER+AMM	EPMED 6073.00				
35	BBI-22S	22KW BLACBOCS STARTER STD	EPMED 5526.00				
36	BBI-22A	22KW BLACBOCS STARTER+AMM	EPMED 6073.00				
37	BBI-30S	30KW BLACBOCS STARTER STD	EPMED 6135.00				
38	BBI-30A	30KW BLACBOCS STARTER+AMM	EPMED 6686.00				
39	BBI-37S	37KW BLACBOCS STARTER STD	EPL 8295.00				
40	BBI-37A	37KW BLACBOCS STARTER+AMM	EPL 8825.00				
41	BBI-45S	45KW BLACBOCS STARTER STD	EPL 8553.00				
42	BBI-45A	45KW BLACBOCS STARTER+AMM	EPL 9090.00				
Fitted Accessories							
43	FIT-40ELU	40A 300mA EARTH LEAKAGE UNIT - UP TO 15KW	POA				
44	FIT-63ELU	63A 300mA EARTH LEAKAGE UNIT - UP TO 22KW	POA				
45	FIT-80ELU	80A 300mA EARTH LEAKAGE UNIT - UP TO 30KW	POA				
FITTED OPTIONAL EXTRAS							
46	FIT-HOA	HAND OFF AUTO SWITCH W/ AUTO TERM	285.00				
47	FIT-24VHOA	24V RELAY W/ HAND OFF AUTO SWITCH	440.00				
48	FIT-RDPL	RED LED PILOT LIGHT - 400V	255.00				
49	FIT-EQ72/5/3CT	AMMETER + 3CTS + SELECTOR SWITCH	1029.00				
50	FIT-EQ72-500V	VOLTMETER WITHOUT SELECTOR SWITCH 0-500V	408.00				
51	FIT-EQ72-500VSL	VOLTMETER WITH SELECTOR SWITCH	753.00				
52	FIT-HM700	RUNNING HOUR METER C/W FRAME	346.00				
53	FIT-ZED2	LIGHTNING ARRESTOR	366.00				
54	FIT-50VATX	FIT 50VA TRANS.	482.00				
55	FIT-BERM	FITTED ES BERHAD CONTROL SYSTEM	2518.00				
56	FIT-BB-MS	FIT ONLY MOTOR SCOPE/BLAC BOCS TO STARTER	235.00				
57	EXLAENC	ADD ON EXTRA FOR LARGER ENCLOSURE	235.00				
58	FIT-PPR/CT	FITTED PPR & CT TO STARTER	721.00				
59	FIT-3PHVWC	FIT 3PH VOLTAGE WINDOW COMPARITOR	513.00				
60	FIT-EPBN	PIVOT SUPPLY MONITOR	716.00				
61	FIT-CM	FIT CURRENT MONITOR + CT	559.00				
62	FIT-LLC	WATER LEVEL RELAY	487.00				
63	FIT-DCU	DCU FITTED.	538.00				
64	FIT-PFR	PHASE FAILURE RELAY	440.00				
65	FIT-IT	VERRIDE TIMER FOR NO FLOW	449.00				
66	FIT-TPR	THERMISTOR PROTECTION UNIT	795.00				
67	FIT-24HT	24hr TIME CLOCK with TRANSFORMER	1055.00				
68	FIT-7DT	7 day TIME CLOCK with TRANSFORMER	1144.00				
69	FIT-C53-12	12hr MECHANICAL TIME CLOCK	612.00				
70	FIT-C53-24	24hr MECHANICAL TIME CLOCK	612.00				
71	FIT-FMA	FLUSH MOUNT KIT FOR AVANTI MODULES	132.00				
72	FIT-KR	KLIXON RELAY with P/LIGHT & RESET	830.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>E.P. SHEET METAL ENCLOSURES</u>				<u>FLOW SWITCHES</u>			
ENCLOSURES - including Mounting Bracket Galvanised				25	JYF	1" BSP IP65 FLOW SWITCH + 6" PADDLE	755.50
1	EPECONO	E.P. ECONO METAL ENCLOSURE	349.00	26	KIT21A602	6" PADDLES FOR FLOW SWITCH	136.50
2	EPMIN	E.P. IP54 MINI METAL ENCLOSURE	561.00	27	BRIQ2000-M	ITALTECNICA FLOW CONTROL SWITCH	852.00
3	EPS	E.P. IP54 SMALL METAL ENCLOSURE	680.00	<u>PRESSURE SWITCHES</u>			
4	EPMED	E.P. IP54 MEDIUM METAL ENCLOSURE	890.00	28	P77AAA-9300	PENN 0.5-7BAR PRESSURE SW. + 1/4" BSP ADPT	928.50
5	EPL	E.P. IP54 LARGE METAL ENCLOSURE	1196.00	29	P77AAA-9301	PENN 1-10BAR PRESSURE SW. + 1/4" BSP ADPT	928.50
6	EPXL	E.P. IP54 EX-LARGE METAL ENCLOSURE	1430.00	30	P77AAA-9350	PENN 3-30BAR PRESSURE SW. + 1/4" BSP ADPT	928.50
7	EPV1	E.P. V1 IP54 METAL ENCLOSURE	700.00	31	ADP	1/4" ADAPTOR FOR PENN PRESSURE SW.	52.00
8	EPV2	E.P. V2 METAL ENCLOSURE	851.00	<u>FLOAT SWITCHES</u>			
9	EP700	E.P. IP54 EP700 METAL ENCLOSURE	2404.00	<u>MERCURY SWITCHES</u>			
10	EPAUTO	E.P. IP54 AUTO TRX.METAL ENCLOSURE	2575.00	32	5M-MK2	MERCURY 5MT ORANGE FLOAT SWITCH	458.00
11	EP8-10	E.P. IP54 8-10 METAL ENCLOSURE	3644.00	33	10M-MK2	MERCURY REED 10MT ORANGE FLOAT SWITCH	496.00
12	EP6-8	E.P. IP54 6-8 METAL ENCLOSURE	2666.00	<u>ROLLER BALL SWITCHES</u>			
SHROUDS				34	MICROSTART/C5-10	MATIC 5MT 10 amp FLOAT SWITCH	244.80
13	ESS	E.P.WEATHERPROOF SMALL SHROUDS	588.00	35	MICROSTART/C10-10	MATIC 10MT 10 amp FLOAT SWITCH	355.90
14	ESMED	E.P.WEATHERPROOF MEDIUM SHROUDS	704.00	36	MICROSTART/C5-2	MATIC 5MT 2 hp FLOAT SWITCH	281.90
15	ESL	E.P.WEATHERPROOF LARGE SHROUDS	1049.00	37	MICROSTART/C10-2	MATIC 10MT 2 hp FLOAT SWITCH	401.50
16	ESXL	E.P.WEATHERPROOF EXTRA LARGE SHROUD	1278.00	<u>ACCESSORIES</u>			
17	ES700	E.P.WEATHERPROOF EP700 SHROUD	1880.00	38	MATICCW	SPARE COUNTER WEIGHTS FOR FLOAT SWITCH	9.80
<u>ENCLOSURES ACCESSORIES</u>				<u>AQUAMAN FILTER FLUSHING TIMER</u>			
18	MBS	MOUNTING BRACKET - Steel (VEMER ONLY)	20.00	39	AQUA2S	MASTER + 2 STEP 24VAC	1363.00
19	MBN	MOUNTING BRACKET - Nylon	16.00	40	AQUA3S	MASTER + 3 STEP 24VAC	1599.00
<u>STA BUSBAR SUPPORTS</u>				41	AQUA4S	MASTER + 4 STEP 24VAC	1835.00
Approved by NEFTA (SABS Affiliated) For use up to 50kA				42	AQUA5S	MASTER + 5 STEP 24VAC	2071.00
20	SA504800	VEMER BUSBAR SUPPORT	579.50	43	AQUA6S	MASTER + 6 STEP 24VAC	2602.00
21	SA488400	VEMER BUSBAR SPACER 10mm	7.60	44	AQUA7S	MASTER + 7 STEP 24VAC	2824.00
22	SA481900	VEMER BUSBAR SPACER 3.5mm	5.30	45	AQUA8S	MASTER + 8 STEP 24VAC	3060.00
23	VBBB/BOT	VEMER STA BUSBAR SUPP BOT 590LX25WX20D 1.6MM	77.50	46	FTSS24AD	MASTER + 1 STEP 24VAC with PLUG-IN BASE	468.00
24	VBBB/TOP	VEMER STA BUSBAR SUPP TOP 590LX75WX20D 1.6MM	132.50	<u>SPARE MODULES</u>			
				47	FTM24AD	MASTER SPARE MODULE	468.00
				48	FTS24AD	SLAVE SPARE MODULE	468.00
				<u>PIVOT CHEMICAL CONTROLLER</u>			
				49	PCC2S	MASTER + 2 STEP 24VAC	1363.00
				50	PCC3S	MASTER + 3 STEP 24VAC	1599.00
				51	PCC4S	MASTER + 4 STEP 24VAC	1835.00
				52	PCC5S	MASTER + 5 STEP 24VAC	2071.00
				53	PCC6S	MASTER + 6 STEP 24VAC	2602.00
				54	PCC7S	MASTER + 7 STEP 24VAC	2824.00
				55	PCC8S	MASTER + 8 STEP 24VAC	3060.00
				<u>SPARE MODULES</u>			
				56	SPARE MODULES		
				57	PCCM24AD	MASTER SPARE MODULE	468.00
					PCCS24AD	SLAVE SPARE MODULE	468.00
				<u>BLAC BOCS</u>			
				58	381001200	BLAC BOCS 3 PH 400V 0.37-1.5 KW	1745.00
				59	381001201	BLAC BOCS 3 PH 400V 2.2 -5.5 KW	1745.00
				60	381001202	BLAC BOCS 3 PH 400V 7.5-18.5 KW	2013.00
				61	381001203	BLAC BOCS 3 PH 400V 22-75 KW	2013.00
				62	381001204	BLAC BOCS 3 PH 400V 93-105 KW	2013.00
				<u>MOTORSCOPE</u>			
				63	TRIO	3 PHASE UP TO 5.6KW w/o CTX	1865.60
				64	SUPRA	3 PHASE UP TO 132KW with CTX	2699.40
				<u>SURGE ARRESTOR</u>			
				65	AVSURGE	AVANTI SURGE ARRESTOR - 280V 8/15kA	94.50
				66	AVSURGE/DIN	AVANTI SURGE ARRESTOR - 280V 40kA DIN mount	314.40
				67	AVSURGE/DIN8	AVANTI SURGE ARRESTOR - 280V 8kA DIN mount	140.40
				<u>AVANTI ELECTRONIC MODULES</u>			
				<u>PUMP PROTECTION RELAY</u>			
				68	PPR-1T8-23	AVANTI SP PPR with RESET TIMER - 230V	570.00
				69	PPR-3T8-40	AVANTI TP PPR with RESET TIMER - 400V	570.00
				<u>DISTANCE CONTROL UNIT</u>			
				70	DCU/123STR	AVANTI DCU 230V	340.00
				71	DCU/140STR	AVANTI DCU 400V	340.00
				72	DCU/223STR	AVANTI DCU DOUBLE PUMP 230V.A.C.	478.00
				73	DCU/240STR	AVANTI DCU DOUBLE PUMP 400 V.A.C.	478.00
				<u>LIQUID LEVEL CONTROL (Filing & Emptying selectable)</u>			
				74	LLC23	AVANTI LIQUID LEVEL CONTROL 230V SEL. SWITCH	255.00
				75	LLC40	AVANTI LIQUID LEVEL CONTROL 400V SEL. SWITCH	255.00
				76	LLC323	AVANTI LIQUID LEVEL CTRL 230V - 2 pump duty cycle	366.00
				77	LLC340	AVANTI LIQUID LEVEL CTRL 400V - 2 pump duty cycle	366.00
				<u>ELECTRODE (For use with LLC)</u>			
				78	AEL	E/P.STAINLESS STEEL ELECTRODE	48.50
				<u>ACCESSORIES</u>			
				79	ES11	11 PIN BASE	40.10
				80	FMA	FLUSH MOUNT KIT FOR AVANTI MODULES	82.50
				<u>MECHANICAL TIME CLOCK</u>			
				81	C53-12	12 Hr MECHANICAL TIME CLOCK	412.20
				82	C53-24	24 Hr MECHANICAL TIME CLOCK	412.20

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
POWER FACTOR CONTROLLERS				HRC LOW VOLTAGE DIN FUSES & BASES			
1	NV-7	DELAB 7 STEP CONTROLLER - 96x96	2048.00	HRC FUSES			
2	NV-14S	DELAB 14 STEP CONTROLLER - 144x144	2993.00	53	00C-25	25A SIZE-C00 HRC DIN FUSE	40.00
POWER FACTOR CORRECTION CAPACITORS				54	00C-32	32A SIZE-C00 HRC DIN FUSE	40.00
<u>CYLINDRICAL CAPACITORS</u>				55	00C-40	40A SIZE-C00 HRC DIN FUSE	40.00
<u>Three Phase - Rated 400 volt</u>				56	00C-50	50A SIZE-C00 HRC DIN FUSE	40.00
3	MKP02.5	ELECTRONICON 2.5 KVAR TP CYLINDRICAL CAP	409.30	57	00C-63	63A SIZE-C00 HRC DIN FUSE	40.00
4	MKP05	ELECTRONICON 5 KVAR TP CYLINDRICAL CAP	559.60	58	00C-80	80A SIZE-C00 HRC DIN FUSE	40.00
5	MKPG07.5	ELECTRONICON 7.5 KVAR TP CYLINDRICAL CAP	892.80	59	00C-100	100A SIZE-C00 HRC DIN FUSE	40.00
6	MKPG10	ELECTRONICON 10 KVAR TP CYLINDRICAL CAP	894.30	60	GR00-125	125A SIZE-00 HRC DIN FUSE	54.00
7	MKPG12.5	ELECTRONICON 12.5 KVAR TP CYLINDRICAL CAP	1135.70	61	GR00-160	160A SIZE-00 HRC DIN FUSE	54.00
8	MKPG15	ELECTRONICON 15 KVAR TP CYLINDRICAL CAP	1242.80	62	GR1C-125	125A SIZE-1 HRC DIN FUSE	94.00
9	MKPG20	ELECTRONICON 20 KVAR TP CYLINDRICAL CAP	1305.00	63	GR1C-160	160A SIZE-1 HRC DIN FUSE	94.00
10	MKPG25	ELECTRONICON 25 KVAR TP CYLINDRICAL CAP	1473.20	64	GR1C-200	200A SIZE-1 HRC DIN FUSE	94.00
11	MKPG30	ELECTRONICON 30 KVAR TP CYLINDRICAL CAP	1653.20	65	GR1C-250	250A SIZE-1 HRC DIN FUSE	94.00
<u>Three Phase - Rated 525 volt</u>				HRC FUSE BASES - Stud Connection			
12	HMKP10	ELECTRONICON 10KVAR TP 525V CYLINDRICAL CAP	891.30	66	SB00	SIZE-00 SP FUSE BASE	94.00
13	HMKPG20	ELECTRONICON 20KVAR TP 525V CYLINDRICAL CAP	1464.80	67	TB00	SIZE-00 3P FUSE BASE	348.00
14	HMKPG25	ELECTRONICON 25KVAR TP 525V CYLINDRICAL CAP	1606.00	68	GR1	SIZE-1 3P FUSE BASE	293.20
<u>AVANTI THRIFTY FIFTY SERIES</u>				FUSE REMOVAL HANDLE			
15	TF125	AVANTI 25 KVAR THRIFTY FIFTY 400V CAP	3675.00	69	FRH	HRC FUSE REMOVAL HANDLE SIZE 0-3	164.00
16	TF130	AVANTI 30 KVAR THRIFTY FIFTY 400V CAP	4310.00				
17	TF225	AVANTI 50 KVAR THRIFTY FIFTY 2 SW 400V CAP	3278.00				
18	TF150	AVANTI 50 KVAR THRIFTY FIFTY 400V CAP	5931.00				
19	TF230	AVANTI 60 KVAR THRIFTY FIFTY 2 SW 400V CAP	7511.00				
20	TF160	AVANTI 60 KVAR THRIFTY FIFTY 400V CAP	6580.00				
<u>AVANTI "E" RACK SYSTEM</u>							
21	ERS20T	AVANTI 20 KVAR "E" RACK SYSTEM 400V CAP	4408.00				
22	ERS25T	AVANTI 25 KVAR "E" RACK SYSTEM 400V CAP	4856.00				
23	ERS30T	AVANTI 30 KVAR "E" RACK SYSTEM 400V CAP	5535.00				
24	ERS40T	AVANTI 40 KVAR "E" RACK SYSTEM 400V CAP	6798.00				
25	ERS50T	AVANTI 50 KVAR "E" RACK SYSTEM 400V CAP	7296.00				
26	ERS60T	AVANTI 60 KVAR "E" RACK SYSTEM 400V CAP	8354.00				
27	ERS220/40T	AVANTI 40 KVAR "E" RACK SYSTEM 400V CAP	6666.00				
28	ERS225/50T	AVANTI 50 KVAR "E" RACK SYSTEM 400V CAP	7685.00				
29	ERS230/60T	AVANTI 60 KVAR "E" RACK SYSTEM 400V CAP	9042.00				
<u>AVANTI BOXED CAPACITORS</u>							
<u>Three Phase - Rated 400 volt</u>							
30	BE12	AVANTI 12.5KVAR CAPACITOR 400V BOXED	1684.00				
31	BE15	AVANTI 15 KVAR CAPACITOR 400V BOXED	1831.00				
32	BE20	AVANTI 20 KVAR CAPACITOR 400V BOXED	1912.00				
33	BE25	AVANTI 25 KVAR CAPACITOR 400V BOXED	2192.00				
34	BE30	AVANTI 30 KVAR CAPACITOR 400V BOXED	2623.00				
35	BE35	AVANTI 35 KVAR CAPACITOR 400V BOXED	3410.00				
36	BE40	AVANTI 40 KVAR CAPACITOR 400V BOXED	3476.00				
37	BE45	AVANTI 45 KVAR CAPACITOR 400V BOXED	3765.00				
38	BE50	AVANTI 50 KVAR CAPACITOR 400V BOXED	3975.00				
39	BE60	AVANTI 60 KVAR CAPACITOR 400V BOXED	4334.00				
<u>Three Phase - Rated 525 volt</u>							
40	BH20	AVANTI 20 KVAR CAPACITOR 525V BOXED	1999.00				
41	BH30	AVANTI 30 KVAR CAPACITOR 525V BOXED	3126.00				
42	BH40	AVANTI 40 KVAR CAPACITOR 525V BOXED	3679.00				
43	BH50	AVANTI 50 KVAR CAPACITOR 525V BOXED	3985.00				
44	BH60	AVANTI 60 KVAR CAPACITOR 525V BOXED	4824.00				
<u>CAPACITOR SWITCHING CONTACTORS</u>							
45	K3-24K00	B&J 20KVAR CAP SWITCHING CONTACTOR	857.00				
46	K3-32K00	B&J 25KVAR CAP SWITCHING CONTACTOR	1164.00				
47	K3-50K00	B&J 33.3KVAR CAP SWITCHING CONTACTOR	1644.00				
48	K3-62K00	B&J 50 KVAR CAP SWITCHING CONTACTOR	2070.00				
49	K3-74K00	B&J 75 KVAR CAP SWITCHING CONTACTOR	2458.00				
<u>Accessories</u>							
50	K23/4.230	B&J 230v COIL FOR K2-23 & K2-30	109.00				
51	K45/4.230	B&J 230v COIL FOR K2-45 & K2-60	132.00				
52	HN10	B&J AUX 1NO FOR CAP SWITCHING CONTACTOR	50.00				

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**ESBEE - Push Buttons
Selector Switches
Pilot Lights**



**Accessories
Push Button Stations**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>PUSH BUTTONS</u>				<u>ACCESSORIES</u>			
<u>FLAT HEAD ACTUATORS</u>				<u>CONTACT BLOCKS</u>			
1	HD15C1	RED FLAT HEAD P/B.ACTUATOR	33.50	57	HC61A2	N/O CONTACT BLOCKS	24.90
2	HD15C2	GREEN FLAT HEAD P/B.ACTUATOR	33.50	58	HC61B2	N/C CONTACT BLOCKS	24.90
3	HD15C3	BLACK FLAT HEAD P/B.ACTUATOR	33.50	<u>CONTACT BLOCK CARRIERS</u>			
4	HD15C4	YELLOW FLAT HEAD P/B.ACTUATOR	33.50	59	HC922002	SPARE CONTACT.BLOCK 1ST ROW CLIP	5.80
5	HD15C5	WHITE FLAT HEAD P/B.ACTUATOR	33.50	60	HC122030	SPARE CONTACT.BLOCK 2ND ROW CLIP	5.80
6	HD15C6	BLUE FLAT HEAD P/B.ACTUATOR	33.50	61	HC929002	SIDE ROW CLIP	5.80
7	HD15C7	ORANGE FLAT HEAD P/B.ACTUATOR	33.50	<u>PILOT LIGHT LAMP HOLDERS</u>			
<u>PROJECTING HEAD ACTUATORS</u>				62	HC61R1	L/HOLDER FOR DIRECT SUPPLY	25.60
15	HD45C1	RED PROJ HEAD P/B.ACTUATOR	38.90	63	HC61X1	L/HOLDER C/W.RESISTOR-240-130	46.20
16	HD45C2	GREEN PROJ HEAD P/B.ACTUATOR	38.90	<u>PUSH BUTTONS</u>			
<u>PUSH-PUSH PROJECTING HEAD ACTUATORS</u>				64	HB103002	RED SPARE PUSH BUTTON INSERT	5.40
17	HF45C1	PUSH PUSH PROJ.HEAD ACTUATOR RED	67.00	65	HB104000	GREEN SPARE P/BUTTON INSERT	5.40
18	HF45C2	PUSH PUSH PROJ.HEAD ACTUATOR GREEN	67.00	66	HB102006	BLACK SPARE P/BUTTON INSERT	5.40
<u>DOUBLE PUSH BUTTON ACTUATORS</u>				67	HB105008	YELLOW SPARE P/B.SPARE INSERT	5.40
19	HD15G3	RED/GRN DOUBLE PUSH BUTTON ACTUATOR	64.30	68	HB101004	WHITE SPARE P/B.SPARE INSERT	5.40
20	HD16G7	RED/GRN/YLW DOUBLE PUSH BUTTON ACTUATOR	64.30	69	HB107010	BLUE SPARE P/BUTTON INSERT	5.40
<u>EMERGENCY STOP MUSHROOM HEAD ACTUATORS</u>				70	HB108012	ORANGE SPARE P/BUTTON INSERT	5.40
21	HD55C1	EMERGENCY NON LATCHING STOP ACTUATOR	58.40	71	HB192000	BLACK P/BUTTON COLLARS	5.40
22	HH55C1	EMERGENCY LATCHING STOP ACTUATOR	78.70	72	HH180000/1	30MM-22MM REDUCING RINGS	19.50
23	HG55B1	EMERGENCY STOP PUSH-PULL ACTUATOR	123.10	73	HH150100	TRANSPARENT P/BUTTON SHROUD	19.50
24	HQ55C1	EMERGENCY KEY OPERATED STOP ACTUATOR	151.10	<u>PUSH BUTTON STATIONS</u>			
<u>ILLUMINATED FLUSH ACTUATORS</u>				<u>SINGLE FUNCTION STATIONS</u>			
25	HD16C1	RED ILLUMINATED P/B.ACTUATOR	36.20	74	JAA10000	STOP P/BUTTON STATION	173.30
26	HD16C2	GREEN ILLUMIN.P/B.ACTUATOR	36.20	75	JAB20000	START P/BUTTON STATION	173.30
<u>PILOT LIGHTS</u>				<u>EMERGENCY SINGLE FUNCTION STATIONS</u>			
<u>INDICATORS (without lampholders)</u>				76	JAE10000	EMERGENCY STOP P/BUTTON STATION	201.30
27	HB08F1	RED PILOT LIGHT INDICATOR	22.20	77	JAF10000	EMERGENCY STOP LATCH P/BUTTON STATION	223.90
28	HB08F2	GREEN PILOT LIGHT INDICATOR	22.20	<u>MULTI FUNCTION STATIONS</u>			
29	HB08F4	YELLOW PILOT LIGHT INDICATOR	22.20	78	JBB2A100	STOP START P/BUTTON STATION	285.10
30	HB08F5	OPAL PILOT LIGHT INDICATOR	22.20	79	JDB2A1B2	FWD/OFF/REV P/BUTTON STATION	385.90
31	HB08F6	BLUE PILOT LIGHT INDICATOR	22.20	80	JEB2A1B2	UP/OFF/DOWN P/BUTTON STATION	385.90
32	HB08F7	ORANGE PILOT LIGHT INDICATOR	22.20	<u>PUSH BUTTON STATION ENCLOSURES (empty)</u>			
<u>240vac COMPACT INDICATORS (no lampholder needed)</u>				81	HF999004	1 HOLE P/B ENCLOSURE (ESBEE only)	84.10
33	TL01X1	RED PILOT LIGHT INDICATOR	30.70	82	HF999005	2 HOLE P/B ENCLOSURE (ESBEE only)	123.10
34	TL02X1	GREEN PILOT LIGHT INDICATOR	30.70	83	HF999003	3 HOLE P/B ENCLOSURE (ESBEE only)	134.30
35	TL04X1	YELLOW PILOT LIGHT INDICATOR	30.70	84	HF999001	1 HOLE P/B ENCLOSURE (All Purpose)	111.80
36	TL05X1	OPAL PILOT LIGHT INDICATOR	30.70	85	HF999002	2 HOLE P/B ENCLOSURE (All Purpose)	117.60
37	TL06X1	BLUE PILOT LIGHT INDICATOR	30.70	<u>CONTACT BLOCKS (Back Mounting)</u>			
38	TL07X1	ORANGE PILOT LIGHT INDICATOR	30.70	86	HC22A2	N/O CONTACT BLOCK FOR P/B STATION	30.80
<u>PILOT LIGHTS complete AC LED</u>				87	HC22B2	N/C CONTACT BLOCK FOR P/B STATION	30.80
39	TS01X1	RED LED PILOT LIGHT INDICATOR - 230VAC	87.80	88	HC22N1	L/HOLDER + RESISTOR 240/130V + N/O CONTACT	72.80
40	TS02X1	GREEN LED PILOT LIGHT INDICATOR - 230VAC	87.80	89	HC22O1	L/HOLDER + RESISTOR 240/130V + N/C CONTACT	72.80
41	TS04X1	YELLOW LED PILOT LIGHT INDICATOR - 230VAC	87.80				
42	RDPL	RED LED PILOT LIGHT INDICATOR - 400VAC	145.00				
<u>SELECTOR SWITCHES</u>							
<u>STANDARD SELECTOR SWITCH ACTUATOR</u>							
43	HR65C3	2 POS SEL/SW ACTUATOR	67.00				
44	HI65C3	2 POS SPRING RETURN SEL/SW ACTUATOR	67.00				
45	HL65C3	3 POS SEL/SW ACTUATOR	67.00				
46	HN65C3	3 POS SPRING RETURN (R) SEL/SW ACTUATOR	67.00				
47	HM65C3	3 POS SPRING RETURN (L) SEL/SW ACTUATOR	67.00				
48	HJ65C3	3 POS SPRING RETURN (L&R) SEL/SW ACTUATOR	67.00				
<u>ILLUMINATED SELECTOR SWITCH ACTUATOR</u>							
49	HK66C2	GREEN 2 POS SEL/SW ACTUATOR	75.90				
50	HL66C2	GREEN 3 POS SEL/SW ACTUATOR	75.90				
<u>KEY OPERATED SELECTOR SWITCH ACTUATOR</u>							
51	HK85C3	2 POS KEY SEL/SW ACTUATOR	143.50				
52	HI85C3	2 POS SPRING RETURN KEY SEL/SW ACTUATOR	143.50				
53	HL85C3	3 POS KEY SEL/SW ACTUATOR	143.50				
54	HN85C3	3 POS SPRING RETURN (R) KEY SEL/SW ACTUATOR	143.50				
55	HJ85C3	3 POS SPRING RETURN (L&R) KEY SEL/SW ACT.	143.50				
<u>TIP HEAD (TOGGLE) ACTUATOR</u>							
56	HP95A3	BLACK TIP HEAD (TOGGLE) ACTUATOR	67.00				

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**Push Button Legends
Pilot Light Lamps
Signal Equipment**

Rotary Switches

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>PUSH BUTTON & PILOT LIGHT ACCESSORIES</u>				<u>ISOLATOR SWITCHES (ON-OFF)</u>			
<u>PVC BLANKS</u>				<u>PANEL MOUNT</u>			
1	2703	PLASTIC 22.5MM PVC STOPPERS	2.40	42	TP16-61191-B03	CG ON-OFF CAM SWITCHES 16AMP SP	78.00
2	2693	PLASTIC 20.6MM PVC STOPPERS	2.40	43	TP16-61192-B03	CG ON-OFF CAM SWITCHES 16AMP 2P	87.40
3	2713	PLASTIC 25.4MM PVC STOPPERS	2.90	44	TP16-61199-B03	CG ON-OFF CAM SWITCHES 16AMP 3P	104.30
<u>PLASTIC LEGEND PLATES</u>				45	TP16-61194-B03	CG ON-OFF CAM SWITCHES 16AMP 4P	116.50
4	PBBLANK	PLASTIC BLANK LEGEND PLATES 22MM.	10.50	46	S32-61199-B03	CG ON-OFF CAM SWITCHES 32AMP 3 POLE	138.00
5	PBSTART	PLASTIC 'START' LEGEND PLATES 22MM.	10.50	47	S40-61199-B03	CG ON-OFF CAM SWITCHES 40AMP 3 POLE	209.30
6	PBSTOP	PLASTIC 'STOP' LEGEND PLATES-22MM.	10.50	48	S80-61199-B03	CG ON-OFF CAM SWITCHES 80AMP 3 POLE	774.00
7	PBFWD	PLASTIC 'FORWARD' LEGEND PLATES 22MM.	10.50	49	S100-61199-B03	CG ON-OFF CAM SWITCHES 100AMP 3 POLE	949.10
8	PBREV	PLASTIC 'REVERSE' LEGEND PLATES 22MM.	10.50	50	S200-61199-B03	CG ON-OFF CAM SWITCHES 200AMP 3 POLE	1335.80
9	PBOFF-ON	PLASTIC 'OFF-ON' LEGEND PLATES-22MM.	10.50	<u>BLOCK TYPE (yellow/red padlockable handle)</u>			
10	PBOFF	PLASTIC 'OFF' LEGEND PLATES-22MM.	10.50	51	LB225-31309-B33	CG ON-OFF BLOCK TYPE PADLOCKABLE 25AMP 3P	175.00
11	PBON	PLASTIC 'ON' LEGEND PLATES-22MM.	10.50	52	LB232-31309-B33	CG ON-OFF BLOCK TYPE PADLOCKABLE 32AMP 3P	181.00
12	PBHOA	PLASTIC 'HAND OFF AUTO' LEGEND PLATES	10.50	53	LB240-31309-B33	CG ON-OFF BLOCK TYPE PADLOCKABLE 40AMP 3P	203.40
13	PBRUN	PLASTIC 'RUN' LEGEND PLATES-22MM.	10.50	54	LB263-31309-B33	CG ON-OFF BLOCK TYPE PADLOCKABLE 63AMP 3P	216.30
14	PBTRIP	PLASTIC 'TRIP' LEGEND PLATES-22MM.	10.50	<u>SURFACE MOUNT</u>			
15	PBR	PLASTIC 'RESET' LEGEND PLATES-22MM.	10.50	<u>BLOCK TYPE (Polycarbonate Enclosure with yellow/red padlockable handle)</u>			
16	PBPO	PLASTIC 'POWER ON' LEGEND PLATES 22MM	10.50	55	LB225-31309-B31	CG ON-OFF BLOCK TYPE PADLOCKABLE 25AMP 3P	312.60
17	PBUP	PLASTIC 'UP' LEGEND PLATES 22MM.	10.50	56	LB232-31300-B31	CG ON-OFF BLOCK TYPE PADLOCKABLE 32AMP 3P	371.40
18	PBDOWN	PLASTIC 'DOWN' LEGEND PLATES-22MM.	10.50	57	LB263-31309-B31	CG ON-OFF BLOCK TYPE PADLOCKABLE 63AMP 3P	441.00
19	PBHL	PLASTIC 'HIGH LEVEL' LEGEND PLATES	10.50	<u>CHANGEOVER CAM SWITCHES</u>			
20	PBALL	PLASTIC 'LOW LEVEL' LEGEND PLATES	10.50	<u>PANEL MOUNT</u>			
21	PBAL	PLASTIC ALARM LEDEND PLATES 22MM	10.50	58	TP16-60151-B03	CG CHANGE OVER NO OFF 16AMP 1P	118.00
22	PBAC	PLASTIC 'ALARM CANCEL' LEGEND PLATES	10.50	59	TP16-61025-B03	CG CHANGE OVER CENTRE OFF 16AMP 1P	90.70
23	PBA	PLASTIC 'ALARM ' LEGEND PLATES-22MM.	10.50	60	TP16-61026-B03	CG CHANGE OVER CENTRE OFF 16AMP 2P	120.80
24	PBFAULT	PLASTIC FAULT LEDEND PLATES 22MM	10.50	61	TP16-61027-B03	CG CHANGE OVER CENTRE OFF 16AMP 3P	150.50
25	PBNFLO	PLASTIC NO-FLOW LEGEND PLATES 22MM	10.50	62	TP16-61028-B03	CG CHANGE OVER CENTRE OFF 16AMP 4P	184.10
26	PB102	PLASTIC 1-0-2 LEGEND PLATES 22MM	10.50	63	S32-61028-B03	CG CHANGE OVER CENTRE OFF 32AMP 4 POLE	228.90
27	PBFOR	PLASTIC 'FWD-OFF-REV' LEGEND PLATES-22MM.	10.50	64	S40-61028-B03	CG CHANGE OVER CENTRE OFF 40AMP 4 POLE	386.30
28	PBNONST	NON STANDARD LEGENDS PLATES	16.50	65	S63-61028-B03	CG CHANGE OVER CENTRE OFF 63AMP 4 POLE	492.40
<u>NEON LAMPS</u>				66	S80-61028-B03	CG CHANGE OVER CENTRE OFF 80AMP 4 POLE	1441.50
29	LG-220	PILOT LIGHT NEON LAMPS GRN 220V.AC	9.80	67	S100-61028-B03	CG CHANGE OVER CENTRE OFF 100AMP 4 POLE	1802.60
30	LR-220	PILOT LIGHT NEON LAMPS RED 220V.AC	9.80	68	S200-61028-B03	CG CHANGE OVER CENTRE OFF 200AMP 4 POLE	2791.90
<u>FILAMENT LAMPS</u>				<u>MOTOR CONTROL CAM SELECTOR SWITCHES</u>			
31	FILAMBC24	MBC 24V 2W 10X28MM FILAMENT LAMPS	4.43	<u>PANEL MOUNT</u>			
32	FILAMBC130	MBC 130V 2.6W 10X28MM FILAMENT LAMPS	9.80	<u>STAR DELTA SWITCH</u>			
33	FILAMBC230	MBC 230V 3W 10X28MM FILAMENT LAMPS	9.20	69	TP16-61200-B03	CG STAR DELTA SWITCH 16AMP	199.10
<u>LED LAMPS</u>				<u>FORWARD / REVERSE SWITCHES</u>			
34	ADL-BA9-230R	MBC 230VAC LED LAMP - RED	49.75	70	TP16-61270-B03	CG FORWARD/REVERSING SWITCH 1PHASE	163.10
35	ADL-BA9-230G	MBC 230VAC LED LAMP - GREEN	49.75	71	TP16-61211-B03	CG FORWARD/REVERSING SWITCH 3PHASE	161.30
36	ADL-BA9-230Y	MBC 230VAC LED LAMP - YELLOW	49.75	72	S32-61211-B03	CG FORWARD/REVERSING SWITCH 3PHASE 32AMP	193.10
37	ADL-BA9-230B	MBC 230VAC LED LAMP - BLUE	49.75	<u>2 SPEED SWITCHES</u>			
<u>SIGNAL EQUIPMENT</u>				73	TP16-61212-B03	CG 2 SPEED SWITCH 16AMP 0-1-2	199.10
38	A110/R	220VAC RED ROTATING LIGHT	374.00	74	TP16-61213-B03	CG 2SPEED SWITCH 16AMP 1-0-2	199.10
39	A110/A	220VAC RED ROTATING LIGHT	374.00	75	S32-61212-B03	CG 2 SPEED SWITCH 32 AMP 3 PHASE	250.50
40	A110/WMG	WIRE MESCH GAURD FOR ROTATING LIGHT	157.50	<u>MULTI-STEP CAM SELECTOR SWITCHES (with OFF)</u>			
41	BF-30	220V BUZZER	112.50	<u>PANEL MOUNT</u>			
				76	TP16-61060-B03	CG MULTISTEP SWITCH WITH OFF 3STEP	124.50
				77	TP16-61061-B03	CG MULTISTEP SWITCH WITH OFF 4STEP	140.60
				78	TP16-61062-B03	CG MULTISTEP SWITCH WITH OFF 5STEP	164.60
				79	TP16-61064-B03	CG MULTISTEP SWITCH WITH OFF 7STEP	205.90
				80	TP16-61068-B03	CG MULTISTEP SWITCH WITH OFF 11STEP	265.90
				<u>PANEL METER CAM SELECTOR SWITCHES</u>			
				<u>PANEL MOUNT</u>			
				<u>AMMETER SWITCH with centre OFF</u>			
				81	TP16-61325-B03	CG AMP METER SELECTOR SWITCH	157.60
				<u>VOLTMETER SWITCHES with centre OFF</u>			
				82	TP16-61311-B03	CG VOLT METER SELECTOR SWITCH 4POS	122.40
				83	TP16-61312-B03	CG VOLT METER SELECTOR SWITCH 4POS	122.40
				84	TP16-61313-B03	CG VOLT METER SELECTOR SWITCH 7POS	157.60
				<u>ACCESSORIES</u>			
				85	B33	CG PADLOCKABLE HANDLE FOR TP-16	27.30
				86	FNC63	CG EARLY MAKE ADD ON BLOCK FOR LB RANGE	25.90
				87	DMBTP16	CG DIN MOUNT BASE FOR TP16+S32	19.30
				88	BMPTP16	CG BACK MOUNT PLATE FOR TP16	3.20
				89	BMPS32	CG BACK MOUNT PLATE FOR S32	5.60
				90	BMPS40	CG BACK MOUNT PLATE FOR S40+S63	11.90
				91	BMPS100	CG BACK MOUNT PLATE FOR S80+S100+S200	19.30

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
3KA MCB - "C" CURVE				6KA MCB - "D" CURVE			
<u>SINGLE POLE</u>				<u>SINGLE POLE</u>			
1	DZ47-60102	2 Amp 3KA "C" Curve MCB	39.60	57	NB1-63D106	6 Amp 6KA "D" Curve MCB	63.36
2	DZ47-60106	6 Amp 3KA "C" Curve MCB	39.60	58	NB1-63D110	10 Amp 6KA "D" Curve MCB	63.36
3	DZ47-60110	10 Amp 3KA "C" Curve MCB	39.60	59	NB1-63D116	16 Amp 6KA "D" Curve MCB	63.36
4	DZ47-60116	16 Amp 3KA "C" Curve MCB	39.60	60	NB1-63D120	20 Amp 6KA "D" Curve MCB	63.36
5	DZ47-60120	20 Amp 3KA "C" Curve MCB	39.60	61	NB1-63D125	25 Amp 6KA "D" Curve MCB	63.36
6	DZ47-60125	25 Amp 3KA "C" Curve MCB	39.60	62	NB1-63D132	32 Amp 6KA "D" Curve MCB	63.36
7	DZ47-60132	32 Amp 3KA "C" Curve MCB	39.60	63	NB1-63D140	40 Amp 6KA "D" Curve MCB	66.00
8	DZ47-60140	40 Amp 3KA "C" Curve MCB	39.60	64	NB1-63D163	63 Amp 6KA "D" Curve MCB	66.00
9	DZ47-60150	50 Amp 3KA "C" Curve MCB	39.60	<u>TRIPLE POLE</u>			
10	DZ47-60163	63 Amp 3KA "C" Curve MCB	39.60	65	NB1-63D306	6 Amp 6KA "D" Curve MCB	249.48
<u>DOUBLE POLE</u>				66	NB1-63D310	10 Amp 6KA "D" Curve MCB	249.48
11	DZ47-60202	2 Amp 3KA "C" Curve MCB	118.80	67	NB1-63D316	16 Amp 6KA "D" Curve MCB	249.48
12	DZ47-60206	6 Amp 3KA "C" Curve MCB	118.80	68	NB1-63D320	20 Amp 6KA "D" Curve MCB	249.48
13	DZ47-60210	10 Amp 3KA "C" Curve MCB	118.80	69	NB1-63D325	25 Amp 6KA "D" Curve MCB	249.48
14	DZ47-60216	16 Amp 3KA "C" Curve MCB	118.80	70	NB1-63D332	32 Amp 6KA "D" Curve MCB	249.48
15	DZ47-60220	20 Amp 3KA "C" Curve MCB	118.80	71	NB1-63D340	40 Amp 6KA "D" Curve MCB	257.40
16	DZ47-60225	25 Amp 3KA "C" Curve MCB	118.80	72	NB1-63D350	50 Amp 6KA "D" Curve MCB	257.40
17	DZ47-60232	32 Amp 3KA "C" Curve MCB	118.80	73	NB1-63D363	63 Amp 6KA "D" Curve MCB	257.40
18	DZ47-60240	40 Amp 3KA "C" Curve MCB	118.80	<u>ISOLATORS</u>			
19	DZ47-60250	50 Amp 3KA "C" Curve MCB	118.80	74	NH2-100232	32 Amp Double Pole Isolators	99.00
20	DZ47-60263	63 Amp 3KA "C" Curve MCB	118.80	75	NH2-100263	63 Amp Double Pole Isolators	132.00
<u>TRIPLE POLE</u>				76	NH2-100363	63 Amp Triple Pole Isolators	211.20
21	DZ47-60306	6 Amp 3KA "C" Curve MCB	178.20	77	NH2-1003100	100 Amp Triple Pole Isolators	224.40
22	DZ47-60310	10 Amp 3KA "C" Curve MCB	178.20	<u>EARTH LEAKAGE RELAY (Isolator type)</u>			
23	DZ47-60316	16 Amp 3KA "C" Curve MCB	178.20	78	NL1-63140	40 Amp 1 Pole+N 30ma Earth Leakage Relay	322.08
24	DZ47-60320	20 Amp 3KA "C" Curve MCB	178.20	79	NL1-63163	63 Amp 1 Pole+N 30ma Earth Leakage Relay	322.08
25	DZ47-60325	25 Amp 3KA "C" Curve MCB	178.20	80	NL1-63340	40 Amp 3 Pole+N 30ma Earth Leakage Relay	633.60
26	DZ47-60332	32 Amp 3KA "C" Curve MCB	178.20	81	NL1-63363	63 Amp 3 Pole+N 30ma Earth Leakage Relay	660.00
27	DZ47-60340	40 Amp 3KA "C" Curve MCB	178.20	<u>ACCESSORIES</u>			
28	DZ47-60350	50 Amp 3KA "C" Curve MCB	178.20	82	EBDIN	DIN BLANK	3.00
29	DZ47-60363	63 Amp 3KA "C" Curve MCB	178.20	83	DZ471BB	1 PHASE BUSBAR	120.00
<u>SINGLE POLE + NEUTRAL</u>				84	DZ473BB	3 PHASE BUSBAR	323.40
30	NBH8-40110	10 Amp SP+N 3KA "C" Curve MCB	112.20	85	DZ-LCU110	10A LOAD SHED RELAY	345.00
31	NBH8-40116	16 Amp SP+N 3KA "C" Curve MCB	112.20	<u>CHINT LARGE FRAME BREAKERS</u>			
32	NBH8-40120	20 Amp SP+N 3KA "C" Curve MCB	112.20	<u>LF BREAKERS (86D x 165L x 105W)</u>			
33	NBH8-40125	25 Amp SP+N 3KA "C" Curve MCB	112.20	86	NM1-225S/125	125 Amp 25 kA Moulded Case Circuit Breaker	1056.00
34	NBH8-40132	32 Amp SP+N 3KA "C" Curve MCB	112.20	87	NM1-225S/160	160 Amp 25 kA Moulded Case Circuit Breaker	1056.00
35	NBH8-40140	40 Amp SP+N 3KA "C" Curve MCB	112.20	88	NM1-225S/200	200 Amp 25 kA Moulded Case Circuit Breaker	1056.00
6KA MCB - "C" CURVE				89	NM1-225S/225	225 Amp 25 kA Moulded Case Circuit Breaker	1056.00
<u>SINGLE POLE</u>				90	NM1-225S/250	250 Amp 25 kA Moulded Case Circuit Breaker	1056.00
36	NB1-63102	2 Amp 6KA "C" Curve MCB	55.44	<u>LF ISOLATORS</u>			
37	NB1-63106	6 Amp 6KA "C" Curve MCB	55.44	<u>(86D x 165L x 105W)</u>			
38	NB1-63110	10 Amp 6KA "C" Curve MCB	55.44	91	NM1-225SI/250	250 Amp Isolator	924.00
39	NB1-63116	16 Amp 6KA "C" Curve MCB	55.44	92	NM1-VDH225S	Veridepth Isolator Handle	528.00
40	NB1-63120	20 Amp 6KA "C" Curve MCB	55.44	<u>(104D x 258L x 140W)</u>			
41	NB1-63125	25 Amp 6KA "C" Curve MCB	55.44	93	NM1-400SI/400	400 Amp Isolator	2772.00
42	NB1-63132	32 Amp 6KA "C" Curve MCB	55.44	94	NM1-VDH400S	Veridepth Isolator Handle	660.00
43	NB1-63140	40 Amp 6KA "C" Curve MCB	58.08				
44	NB1-63150	50 Amp 6KA "C" Curve MCB	58.08				
45	NB1-63163	63 Amp 6KA "C" Curve MCB	58.08				
<u>TRIPLE POLE</u>							
46	NB1-63306	6 Amp 6KA "C" Curve MCB	217.80				
47	NB1-63310	10 Amp 6KA "C" Curve MCB	217.80				
48	NB1-63316	16 Amp 6KA "C" Curve MCB	217.80				
49	NB1-63320	20 Amp 6KA "C" Curve MCB	217.80				
50	NB1-63325	25 Amp 6KA "C" Curve MCB	217.80				
51	NB1-63332	32 Amp 6KA "C" Curve MCB	217.80				
52	NB1-63340	40 Amp 6KA "C" Curve MCB	224.40				
53	NB1-63350	50 Amp 6KA "C" Curve MCB	224.40				
54	NB1-63363	63 Amp 6KA "C" Curve MCB	224.40				
55	DZ158-10080	80 Amp 6KA "C" Curve MCB	528.00				
56	DZ158-100100	100 Amp 6KA "C" Curve MCB	528.00				

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**ONESTO MCB
3kA "C" curve
6kA "C" curve**

**ONESTO MCB
10kA "D" curve
Large Frame Circuit Breakers**

No.	Part No.	Description	Price	No.	Part No.	Description	Price
3KA MCB - "C" CURVE				10KA MCB - "D" CURVE			
<u>SINGLE POLE</u>				<u>SINGLE POLE</u>			
1	KC3-102	ONESTO 2AMP 3KA SP DIN MCB(GREY)	36.40	69	KC10-T-106	ONESTO 6 AMP "D" CURVE SP MCB(BLACK)	59.60
2	KC3-104	ONESTO 4AMP 3KA SP DIN MCB (GREY)	36.40	70	KC10-T-110	ONESTO 10AMP "D" CURVE SP MCB(BLACK)	59.60
3	KC3-106	ONESTO 6AMP 3KA SP DIN MCB (GREY)	36.40	71	KC10-T-116	ONESTO 16AMP "D" CURVE SP MCB(BLACK)	59.60
4	KC3-110	ONESTO 10AMP 3KA SP DIN MCB(GREY)	36.40	72	KC10-T-120	ONESTO 20AMP "D" CURVE SP MCB(BLACK)	59.60
5	KC3-116	ONESTO 16AMP 3KA SP DIN MCB(GREY)	36.40	73	KC10-T-125	ONESTO 25AMP "D" CURVE SP MCB(BLACK)	59.60
6	KC3-120	ONESTO 20AMP 3KA SP DIN MCB(GREY)	36.40	74	KC10-T-132	ONESTO 32AMP "D" CURVE SP MCB(BLACK)	59.60
7	KC3-125	ONESTO 25AMP 3KA SP DIN MCB(GREY)	36.40	75	KC10-T-140	ONESTO 40AMP "D" CURVE SP MCB(BLACK)	59.60
8	KC3-132	ONESTO 32AMP 3KA SP DIN MCB(GREY)	36.40	76	KC10-T-150	ONESTO 50AMP "D" CURVE SP MCB(BLACK)	59.60
9	KC3-140	ONESTO 40AMP 3KA SP DIN MCB(GREY)	36.40	77	KC10-T-163	ONESTO 63AMP "D" CURVE SP MCB(BLACK)	59.60
10	KC3-150	ONESTO 50AMP 3KA SP DIN MCB(GREY)	36.40	<u>TRIPLE POLE</u>			
11	KC3-163	ONESTO 63AMP 3KA SP DIN MCB(GREY)	36.40	78	KC10-T-302	ONESTO 2AMP "D" CURVE TP MCB(BLACK)	198.70
<u>DOUBLE POLE</u>				79	KC10-T-306	ONESTO 6AMP "D" CURVE TP MCB(BLACK)	198.70
12	KC3-202	ONESTO 2AMP 3KA DP DIN MCB (GREY)	112.60	80	KC10-T-310	ONESTO 10AMP "D" CURVE TP MCB(BLACK)	198.70
13	KC3-206	ONESTO 6AMP 3KA DP DIN MCB (GREY)	112.60	81	KC10-T-316	ONESTO 16AMP "D" CURVE TP MCB(BLACK)	198.70
14	KC3-210	ONESTO 10AMP 3KA DP DIN MCB(GREY)	112.60	82	KC10-T-320	ONESTO 20AMP "D" CURVE TP MCB(BLACK)	198.70
15	KC3-216	ONESTO 16AMP 3KA DP DIN MCB(GREY)	112.60	83	KC10-T-325	ONESTO 25AMP "D" CURVE TP MCB(BLACK)	198.70
16	KC3-220	ONESTO 20AMP 3KA DP DIN MCB(GREY)	112.60	84	KC10-T-332	ONESTO 32AMP "D" CURVE TP MCB(BLACK)	198.70
17	KC3-225	ONESTO 25AMP 3KA DP DIN MCB(GREY)	112.60	85	KC10-T-340	ONESTO 40AMP "D" CURVE TP MCB(BLACK)	198.70
18	KC3-232	ONESTO 32AMP 3KA DP DIN MCB(GREY)	112.60	86	KC10-T-350	ONESTO 50AMP "D" CURVE TP MCB(BLACK)	198.70
19	KC3-240	ONESTO 40AMP 3KA DP DIN MCB(GREY)	112.60	87	KC10-T-363	ONESTO 63AMP "D" CURVE TP MCB(BLACK)	198.70
20	KC3-250	ONESTO 50AMP 3KA DP DIN MCB(GREY)	112.60	<u>ISOLATORS</u>			
21	KC3-263	ONESTO 63AMP 3KA DP DIN MCB(GREY)	112.60	88	KCM-T-132	ONESTO 32AMP SP DIN ISOLATOR ORANGE	66.20
<u>TRIPLE POLE</u>				89	KCM-T-163	ONESTO 63AMP SP DIN ISOLATOR ORANGE	92.70
22	KC3-302	ONESTO 2AMP 3KA TP DIN MCB(GREY)	172.20	90	KCM-T-2100	ONESTO 100AMP DP DIN ISOLATOR ORANGE	188.80
23	KC3-306	ONESTO 6AMP 3KA TP DIN MCB(GREY)	172.20	91	KCM-T-232	ONESTO 32AMP DP DIN ISOLATOR ORANGE	88.30
24	KC3-310	ONESTO 10AMP 3KA TP DIN MCB(GREY)	172.20	92	KCM-T-263	ONESTO 63AMP DP DIN ISOLATOR ORANGE	110.40
25	KC3-316	ONESTO 16AMP 3KA TP DIN MCB(GREY)	172.20	93	KCM-T-3100	ONESTO 100AMP TP DIN ISOLATOR ORANGE	231.80
26	KC3-320	ONESTO 20AMP 3KA TP DIN MCB(GREY)	172.20	94	KCM-T-332	ONESTO 32AMP TP DIN ISOLATOR ORANGE	174.40
27	KC3-325	ONESTO 25AMP 3K TP DIN MCB(GREY)	172.20	95	KCM-T-363	ONESTO 63AMP TP DIN ISOLATOR ORANGE	208.70
28	KC3-332	ONESTO 32AMP 3KA TP DIN MCB(GREY)	172.20	<u>EARTH LEAKAGE RELAY (Isolator type)</u>			
29	KC3-340	ONESTO 40AMP 3KA TP DIN MCB(GREY)	172.20	96	KRC3-225	ONESTO DOUBLE POLE 25A ISOLATOR ELU	278.20
30	KC3-350	ONESTO 50AMP 3KA TP DIN MCB(GREY)	172.20	97	KRC3-240	ONESTO DOUBLE POLE 40A ISOLATOR ELU	291.50
31	KC3-363	ONESTO 63AMP 3KA TP DIN MCB(GREY)	172.20	98	KRC3-263	ONESTO DOUBLE POLE 63A ISOLATOR ELU	304.70
<u>SINGLE POLE + NEUTRAL</u>				99	KRC3-425	ONESTO TRIPLE POLE 25A ISOLATOR ELU	529.90
32	KCN-110	ONESTO 10AMP 4.5KA SINGLE POLE+NEUTRAL DIN	82.80	100	KRC3-440	ONESTO TRIPLE POLE 40A ISOLATOR ELU	543.20
33	KCN-116	ONESTO 16AMP 4.5KA SINGLE POLE+NEUTRAL DIN	82.80	101	KRC3-463	ONESTO TRIPLE POLE 63A ISOLATOR ELU	582.90
34	KCN-120	ONESTO 20AMP 4.5KA SINGLE POLE+NEUTRAL DIN	82.80	<u>KWH METERS</u>			
35	KCN-125	ONESTO 25AMP 4.5KA SINGLE POLE+NEUTRAL DIN	82.80	102	MCE-011	ONESTO SINGLE PHASE KWH METER DIN MOUNT	485.80
36	KCN-132	ONESTO 32AMP 4.5KA SINGLE POLE+NEUTRAL DIN	82.80	103	MCE-021	ONESTO THREE PHASE KWH METER DIN MOUNT	1324.80
6KA MCB - "C" CURVE				<u>ACCESSORIES</u>			
<u>SINGLE POLE</u>				104	BP063/1	1 PHASE BUSBAR	132.50
37	KC6-T-102	ONESTO 2AMP 6KA SP DIN MCB(BLUE)	52.80	105	BP063/3	3 PHASE BUSBAR	289.80
38	KC6-T-106	ONESTO 6AMP 6KA SP DIN MCB(BLUE)	52.80	106	DIN/EBAR	ONESTO DIN CLIP-IN EARTH BAR	23.20
39	KC6-T-110	ONESTO 10AMP 6KA SP DIN MCB(BLUE)	52.80	107	DIN/NBAR	ONESTO DIN CLIP-IN NEUTRAL BAR	23.20
40	KC6-T-116	ONESTO 16AMP 6KA SP DIN MCB(BLUE)	52.80	<u>ONESTO LARGE FRAME BREAKERS</u>			
41	KC6-T-120	ONESTO 20AMP 6KA SP DIN MCB(BLUE)	52.80	<u>LF BREAKERS</u>			
42	KC6-T-125	ONESTO 25AMP 6KA SP DIN MCB(BLUE)	52.80	108	CDM1-100L-100	ONESTO 100AMP TP MCB	811.40
43	KC6-T-132	ONESTO 32AMP 6KA SP DIN MCB(BLUE)	52.80	109	CDM1-225L-125	ONESTO 125A 25KA TP MOULDED CASE CB	1059.80
44	KC6-T-140	ONESTO 40AMP 6KA SP DIN MCB(BLUE)	52.80	110	CDM1-225L-160	ONESTO 160A 25KA TP MOULDED CASE CB	1059.80
45	KC6-T-150	ONESTO 50AMP 6KA SP DIN MCB(BLUE)	52.80	111	CDM1-225L-200	ONESTO 200A 25KA TP MOULDED CASE CB	1059.80
46	KC6-T-163	ONESTO 63AMP 6KA SP DIN MCB(BLUE)	52.80	112	CDM1-225L-225	ONESTO 225A 25KA TP MOULDED CASE CB	1059.80
<u>DOUBLE POLE</u>				113	CDM1-225L-250	ONESTO 250A 25KA TP MOULDED CASE CB	1059.80
47	KC6-T-202	ONESTO 2AMP 6KA DP DIN MCB(BLUE)	128.10	114	CDM1-400C-315	ONESTO 315AMP 35KA TP MCB	3013.90
48	KC6-T-206	ONESTO 2AMP 6KA DP DIN MCB(BLUE)	128.10	115	CDM1-400C-350	ONESTO 350AMP 35KA TP MCB	3013.90
49	KC6-T-210	ONESTO 10AMP 6KA DP DIN MCB(BLUE)	128.10	116	CDM1-400C-400	ONESTO 400AMP 35KA TP MCB	3013.90
50	KC6-T-216	ONESTO 16AMP 6KA DP DIN MCB(BLUE)	128.10	117	CDM1-630L-500	ONESTO 500AMP 35KA TP MCB	5299.20
51	KC6-T-220	ONESTO 20AMP 6KA DP DIN MCB(BLUE)	128.10	118	CDM1-630L-630	ONESTO 630AMP 35KA TP MCB	5299.20
52	KC6-T-225	ONESTO 25AMP 6KA DP DIN MCB(BLUE)	128.10	119	CDM1-1250-1250	ONESTO 1250AMP 35KA TP MCB	13330.80
53	KC6-T-232	ONESTO 32AMP 6KA DP DIN MCB(BLUE)	128.10	<u>LF ISOLATORS</u>			
54	KC6-T-240	ONESTO 40AMP 6KA DP DIN MCB(BLUE)	128.10	120	CDM1-IS225L-160	ONESTO 160A TP ISOLATOR MOULDED CASE	938.40
55	KC6-T-250	ONESTO 50AMP 6KA DP DIN MCB(BLUE)	128.10	121	CDM1-IS225L-250	ONESTO 250A TP ISOLATOR MOULDED CASE	938.40
56	KC6-T-263	ONESTO 63AMP 6KA DP DIN MCB(BLUE)	128.10	122	CDM1-IS400C-400	ONESTO 400AMP 25KA TP ISOLATOR	2671.70
<u>TRIPLE POLE</u>				123	CDM1-VDH-225	ONESTO 250A 25KA VARIDEPTH HANDLE	546.50
57	KC6-T-302	ONESTO 2AMP 6KA TP DIN MCB(BLUE)	208.70	124	CDM1-VDH-400	ONESTO 400A 25KA VARIDEPTH HANDLE	679.00
58	KC6-T-306	ONESTO 6AMP 6KA TP DIN MCB(BLUE)	208.70				
59	KC6-T-310	ONESTO 10AMP 6KA TP DIN MCB(BLUE)	208.70				
60	KC6-T-316	ONESTO 16AMP 6KA TP DIN MCB(BLUE)	208.70				
61	KC6-T-320	ONESTO 20AMP 6KA TP DIN MCB(BLUE)	208.70				
62	KC6-T-325	ONESTO 25AMP 6KA TP DIN MCB(BLUE)	208.70				
63	KC6-T-332	ONESTO 32AMP 6KA TP DIN MCB(BLUE)	208.70				
64	KC6-T-340	ONESTO 40AMP 6KA TP DIN MCB(BLUE)	208.70				
65	KC6-T-350	ONESTO 50AMP 6KA TP DIN MCB(BLUE)	208.70				
66	KC6-T-363	ONESTO 63AMP 6KA TP DIN MCB(BLUE)	208.70				
67	KC6-T-380	ONESTO 80AMP 6KA TP DIN MCB(BLACK)	588.50				
68	KC6-T-3100	ONESTO 100AMP 6KA TP DIN MCB(BLACK)	588.50				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
BASE MOUNT LOAD BREAK SWITCHES				LIMIT SWITCHES			
<u>3 POLE - BASIC MODEL (complete with Handle & Shaft)</u>				<u>FR SERIES (Thermo Plastic IP65)</u>			
1	KU316N	7.5KW L/BREAK 16A TP ISOL C/W HANDLE & SHAFT	304.00	52	FR501	PIZZATO FR501 PLUNGER	161.00
2	KU325N	11KW L/BREAK 25A TP ISOL C/W HANDLE & SHAFT	309.00	53	FR502	PIZZATO FR502 1 DIRECTION ROLLER LEVER	178.00
3	KU340N	15KW L/BREAK 40A TP ISOL C/W HANDLE & SHAFT	315.00	54	FR505	PIZZATO FR505 ANGLE ROLLER LEVER	178.00
4	KU363N	22KW L/BREAK 63A TP ISOL C/W HANDLE & SHAFT	379.00	55	FR507	PIZZATO FR507 1 DIRECTION ROLLER LEVER LARGE	186.00
5	KU380N	30KW L/BREAK 80A TP ISOL C/W HANDLE & SHAFT	429.00	56	FR515	PIZZATO FR515 ROLLER PLUNGER	183.00
6	VKA3125N	37KW L/BREAK 125A TP ISOL C/W HANDLE & SHAFT	892.00	57	FR520	PIZZATO FR520 SPRING LEVER	186.00
7	VKA3160N	75KW L/BREAK 160A TP ISOL C/W HANDLE & SHAFT	966.00	58	FR521	PIZZATO FR521 CATS WHISKER	187.00
8	VKA3250N	132KW L/BREAK 250A TP ISOL C/W HANDLE & SHAFT	1616.00	59	FR525	PIZZATO FR525 HD SPRING LEVER	202.00
<u>4 POLE - BASIC MODEL (complete with Handle & Shaft)</u>				60	FR550	PIZZATO FR550 STEEL ROD LEVER	207.00
9	KU416N	7.5KW L/BREAK 16A 4P ISOL C/W HANDLE & SHAFT	364.00	61	FR554	PIZZATO FR554 ROLLER LEVER	200.00
10	KU425N	11KW L/BREAK 25A 4P ISOL C/W HANDLE & SHAFT	374.00	62	FR555	PIZZATO FR555 ADJ. ROLLER LEVER	207.00
11	KU440N	15KW L/BREAK 40A 4P ISOL C/W HANDLE & SHAFT	384.00	63	FR569	PIZZATO FR569 FIBRE GLASS LEVER	207.00
12	KU463N	22KW L/BREAK 63A 4P ISOL C/W HANDLE & SHAFT	533.00	64	FR692-D	PIZZATO FR692 KEY SAFETY SWITCH	361.00
13	KU480N	30KW L/BREAK 80A 4P ISOL C/W HANDLE & SHAFT	588.00	<u>FP SERIES (Thermo Plastic IP66)</u>			
14	VKA4125N	37KW L/BREAK 125A 4P ISOL C/W HANDLE & SHAFT	1021.00	65	FP501	PIZZATO FP501 PLUNGER	196.00
15	VKA4160N	55KW L/BREAK 160A 4P ISOL C/W HANDLE & SHAFT	1116.00	66	FP502	PIZZATO FP502 1 DIRECTION ROLLER LEVER	228.00
DIN MOUNT LOAD BREAK SWITCHES				67	FP505	PIZZATO FP505 ANGLE ROLLER LEVER	229.00
<u>3 POLE - BASIC MODEL (DIN Mount Toggle Handle)</u>				68	FP515	PIZZATO FP515 ROLLER PLUNGER	260.00
16	KUE316	7.5KW L/BREAK 16A TP ISOL, TOGGLE HANDLE	186.00	69	FP520	PIZZATO FP520 SPRING LEVER	244.00
17	KUE325	11KW L/BREAK 25A TP ISOL, TOGGLE HANDLE	203.00	70	FP521	PIZZATO FP521 CATS WHISKER	245.00
18	KUE340	15KW L/BREAK 40A TP ISOL, TOGGLE HANDLE	221.00	71	FP525	PIZZATO FP525 HD SPRING LEVER	259.00
19	KUE363	22KW L/BREAK 63A TP ISOL, TOGGLE HANDLE	294.00	72	FP531	PIZZATO FP531 ROLLER LEVER	286.00
20	KUE380	30KW L/BREAK 80A TP ISOL, TOGGLE HANDLE	347.00	73	FP532	PIZZATO FP532 STEEL ROD LEVER	299.00
21	EVA3125	37KW L/BREAK 125A TP ISOL, TOGGLE HANDLE	693.00	74	FP535	PIZZATO FP535 ADJ. ROLLER LEVER	299.00
22	EVA3160	55KW L/BREAK 160A TP ISOL, TOGGLE HANDLE	804.00	75	FP536	PIZZATO FP536 FIBRE GLASS LEVER	299.00
<u>3 POLE - COMPACT MODEL (DIN Mount Toggle Switch for DB Boards)</u>				76	FP1635	PIZZATO FP1635 2 WAY SWITCHING LEVER - 2NC	369.00
23	EVA3250	250 AMP DIN TP ISOL, TOGGLE HANDLE	1300.00	<u>FD SERIES (Metal IP66)</u>			
24	LS/VSEVA	TERMINAL COVER FOR EVA3250 ISOL	74.00	77	FD501	PIZZATO FD501 PLUNGER LEVER METAL BODY	223.00
SURFACE MOUNT SWITCHES				78	FD502	PIZZATO FD502 ROLLER PLUNGER METAL BODY	254.00
<u>ON-OFF ISOLATORS</u>				79	FD504	PIZZATO FD504 LEVER PLUNGER METAL BODY	271.00
<u>ABS Enclosure - (old GB range)</u>				80	FD521	PIZZATO FD521 CATS WISKER METAL BODY	270.00
25	KEM325Y/R-ABS	11KW SURF ISOLATOR PADLOCKABLE 25AMP	327.00	81	FD525	PIZZATO FD525 SPRING LEVER METAL BODY	283.00
26	KEM340Y/R-ABS	15KW SURF ISOLATOR PADLOCKABLE 40AMP	344.00	82	FD531	PIZZATO FD531 ROLLER LEVER METAL BODY	351.00
27	KEM363Y/R-ABS	22KW SURF ISOLATOR PADLOCKABLE 63AMP	642.00	83	FD532	PIZZATO FD532 STAINLESS STEEL METAL BODY	363.00
28	KEM380Y/R-ABS	30KW SURF ISOLATOR PADLOCKABLE 80AMP	744.00	84	FD535	PIZZATO FD535 ADJUSTABLE ROLLER METAL BODY	363.00
<u>Polycarbonate Enclosure</u>				85	FD542	PIZZATO FD542 METAL BODY 1NO+1NC	428.00
29	KEM325Y/R-POLY	11KW SURF ISOLATOR PADLOCKABLE 25AMP	418.00	86	FD1884	PIZZATO FD684 HORIZ. ROPE SAFETY SW 1NC+1NO	602.00
30	KEM340Y/R-POLY	15KW SURF ISOLATOR PADLOCKABLE 40AMP	483.00	87	FD1878	PIZZATO FD678 VERT. ROPE SAFETY SW 1NC+1NO	390.00
31	KEM363Y/R-POLY	22KW SURF ISOLATOR PADLOCKABLE 63AMP	760.00	<u>CONTACT BLOCKS</u>			
32	KEM380Y/R-POLY	30KW SURF ISOLATOR PADLOCKABLE 80AMP	1022.00	88	VFB5	PIZZATO 1NO+1NC SNAP ACTION CONTACT BLOCK	113.00
33	KEM425Y/R-POLY	11KW SURF ISOLATOR PADLOCKABLE 25AMP 4P	559.00	89	VFB9	PIZZATO 2NC SLOW ACTION CONTACT BLOCK	115.00
34	KEM463Y/R-POLY	22KW SURF ISOLATOR PADLOCKABLE 63AMP 4P	861.00	90	VFB10	PIZZATO 2NO SLOW ACTION CONTACT BLOCK	115.00
ACCESSORIES				FOOT SWITCHES (Thermo Plastic)			
35	LK10Y/R	DOOR INTERLOCK HANDLE Y/R	94.00	91	PA20100	PIZZATO STOP FOOTSW. (HALF RED COVER)	409.00
36	LK10	DOOR INTERLOCK HANDLE BLACK	94.00	92	PA20120	PIZZATO THERMOPLASTIC OPEN LOCKING	450.00
37	LK4/OK2	LARGE DOOR INTERLOCK HANDLE BLACK	129.00	93	PX10110	PIZZATO FOOTSW. 1NO+1NC SNAP ACTION (Y/LW)	509.00
38	LK5/OK2	LARGE DOOR INTERLOCK HANDLE Y/R	129.00	94	VFB501	PIZZATO FOOTSW. 1NO+1NC CONTACT BLOCK	116.00
39	L300/AD11	300mm EXTENSION SHAFT	31.00	MICRO SWITCHES			
40	LK14	HANDLE FOR VK MODELS	368.00	95	MV09	PIZZATO MICRO SW PLUNGER 10mm DIA.	111.00
41	LVK228	180mm EXTENSION SHAFT FOR VK MODELS	80.00	96	MV15	PIZZATO MICRO SW ROLLER PLUNGER 12mm DIA.	134.00
42	KU1-V	1NC+1NO AUXILIARY CONTACT FOR KU MODELS	127.00	97	MV30	PIZZATO MICRO SW 64mm LEVER	81.00
43	VKA1-V	1NC+1NO AUXILIARY CONTACT FOR VKA MODELS	152.00	98	MV40	PIZZATO MICRO SW 48mm ROLLER LEVER	90.00
44	VK1-S	1NO AUXILIARY CONTACT FOR VK MODEL	237.00	99	MV45	PIZZATO MICRO SW 25mm ROLLER LEVER	88.00
45	RV66	KIT FOR 6 POLE CONNECTION FOR KU MODELS	177.00	100	MV47	PIZZATO MICRO SW 23mm ROLLER LEVER 1 WAY	105.00
46	RV104	KIT FOR 6 POLE CONNECTION FOR VKA MODELS	253.00	101	MV57	PIZZATO MICRO SW 25mm ROLLER LEVER 1 WAY	105.00
47	VV-1-0-2KU	CHANGE OVER KIT FOR KU MODELS	1114.00				
48	VV-1-0-2VKA	CHANGE OVER KIT FOR VKA MODELS	1370.00				
49	KV10X38	FUSE BASE ATTACHMENT FOR 10X38 FUSES TP	247.00				
50	OKA/KU/LK10	PANEL MOUNT KIT FOR KU316N TO KU380N	166.00				
51	ALK-125	TERMINAL SPREADER FOR 160A EVA & VKA	298.00				

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Analogue Switchboard Panel Meters

Current Transformers

No.	Part No.	Description	Price	No.	Part No.	Description	Price
AMMETERS - Moving Iron AC				CURRENT TRANSFORMERS			
<u>DIRECT READING</u>				<u>32mm RING TYPE</u>			
1	BP60-*	Available AMPS: 5, 10, 15, 20, 30 60X60	89.50	<u>Screw Mount</u>			
2	EQ72-*	Available AMPS: 10/20, 15/30, 20/40, 25/50, 30/60, 72X72 40/80	99.90	37	KRO-50/5	KRO 50/5A CURRENT TRANSFORMER	111.00
<u>CT OPERATED - 5 amp (incl. scale plate)</u>				38	KRO-60/5	KRO 60/5A CURRENT TRANSFORMER	111.00
3	EQ72-*/5	Available AMPS: 5/5, 50/5, 60/5, 80/5, 100/5, 150/5, 72X72 200/5, 250/5, 300/5, 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5	99.90	39	KRO-80/5	KRO 80/5A CURRENT TRANSFORMER	111.00
4	EQ96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5 1600/5, 1800/5, 2000/5, 2500/5, 3000/5	108.90	40	KRO-100/5	KRO 100/5A CURRENT TRANSFORMER	111.00
<u>SPARE SCALE PLATES</u>				41	KRO-150/5	KRO 150/5A CURRENT TRANSFORMER	111.00
5	ESC72-*/5	Available AMPS: 5/5, 50/5, 60/5, 80/5, 100/5, 150/5, 72X72 200/5, 250/5, 300/5, 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5	13.00	42	KRO-200/5	KRO 200/5A CURRENT TRANSFORMER	123.00
6	ESC96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5 1600/5, 1800/5, 2000/5, 2500/5, 3000/5	13.00	43	KRO-250/5	KRO 250/5A CURRENT TRANSFORMER	123.00
MAXIMUM DEMAND METERS				44	KRO-300/5	KRO 300/5A CURRENT TRANSFORMER	123.00
<u>COMBINATION</u>				45	KRO-400/5	KRO 400/5A CURRENT TRANSFORMER	123.00
<u>MAXIMUM DEMAND METERS (incl. scale plate)</u>				<u>KR2 SERIES - RING TYPE</u>			
7	BIEQ96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	388.20	<u>Screw Mount</u>			
<u>SPARE SCALE PLATES</u>				46	KR2-300/5	KR 300/5A CURRENT TRANSFORMER	134.00
8	BSC96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	13.00	47	KR2-400/5	KR 400/5A CURRENT TRANSFORMER	139.00
<u>NON-COMBINATION</u>				48	KR2-500/5	KR 500/5A CURRENT TRANSFORMER	145.00
<u>MAXIMUM DEMAND METERS (incl. scale plate)</u>				49	KR2-600/5	KR 600/5A CURRENT TRANSFORMER	150.00
9	NCBIEQ96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	322.20	50	KR2-800/5	KR 800/5A CURRENT TRANSFORMER	165.00
<u>SPARE SCALE PLATES</u>				<u>LR1 SERIES - RING TYPE</u>			
10	NCBSC96-*/5	Available AMPS: 50/5, 100/5, 150/5, 200/5, 250/5, 300/5 96X96 400/5, 500/5, 600/5, 800/5, 1000/5, 1200/5, 1600/5, 1800/5, 2000/5, 2500/5	13.00	51	LR1-600/5	LR 600/5A CURRENT TRANSFORMER	237.00
VOLTMETERS - Moving Iron AC				52	LR1-800/5	LR 800/5A CURRENT TRANSFORMER	245.00
11	BP60-300V	300V VOLTMETER 60X60	89.50	53	LR1-1000/5	LR 1000/5A CURRENT TRANSFORMER	245.00
12	BP60-500V	500V VOLTMETER 60X60	89.50	54	LR1-1200/5	LR 1200/5A CURRENT TRANSFORMER	252.00
13	EQ72-300V	300V VOLTMETER 72X72	107.70	55	LR1-1600/5	LR-1600/5A CURRENT TRANSFORMER	269.00
14	EQ72-500V	500V VOLTMETER 72X72	107.70	56	LR1-2000/5	LR 2000/5A CURRENT TRANSFORMER	284.00
15	EQ72-600V	600V VOLTMETER 72X72	107.70	57	LR1-2500/5	LR 2500/5A CURRENT TRANSFORMER	303.00
16	EQ96-300V	300V VOLTMETER 96X96	115.70	58	LR1-3000/5	LR 3000/5A CURRENT TRANSFORMER	323.00
17	EQ96-500V	500V VOLTMETER 96X96	115.70				
18	EQ96-600V	600V VOLTMETER 96X96	115.70				
HOUR METERS							
19	HM-700-110	48X48 HOUR METER 110VAC	122.90				
20	HM-700-240	48X48 HOUR METER 240VAC	138.30				
21	HM-700-415	48X48 HOUR METER 415VAC	153.70				
22	HM-72X72	72X72 HOUR METER MOUNTING FRAME	9.30				
23	HM72-110	72X72 HOUR METER 110VAC	163.20				
24	HM72-240	72X72 HOUR METER 240VAC	163.20				
25	HM72-415	72X72 HOUR METER 415VAC	163.20				
POWER FACTOR METER							
26	CQ96DR	COS BE96 400V POWER FACTOR CONTROL METER	462.00				
FREQUENCY METERS (Pointer)							
27	ZQ72-220F	220V 45-55Hz FREQ METER 72X72	297.60				
28	ZQ72-380F	380V 45-55Hz FREQ METER 72X72	297.60				
29	ZQ96-220F	220V 45-55Hz FREQ METER 96X96	305.60				
30	ZQ96-380F	380V 45-55Hz FREQ METER 96X96	305.60				
SPARES & ACCESSORIES							
31	B96	96X96 BEZELS	9.80				
32	TE72	TERMINAL COVERS FOR EQ72	8.00				
33	TE96	TERMINAL COVERS FOR EQ96	8.00				
34	GE72	SPARE GLASS FOR EQ72	7.10				
35	GE96	SPARE GLASS FOR EQ96	7.10				
36	GB96	SPARE GLASS FOR BIEQ96	11.90				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>MULTI-FUNCTION / MULTI-RANGE TIMERS</u>				<u>MULTI-TIME UNEQUAL REPEATING TIMERS</u>			
1	VODDTS	GIC MFT 110-240VAC / 24V AC/DC - DIN MOUNT	415.00	54	MTURT23	AVANTI 15sec, 60sec, 8min, 64min URT 230V	340.00
2	MFT12D	AVANTI MULTI-FUNCTION TIMER 12VOLT	340.00	55	MTURT40	AVANTI 15sec, 60sec, 8min, 64min URT 400V	340.00
3	MFT30D	AVANTI MULTI-FUNCTION TIMER 24VOLT	340.00	<u>NO POWER DELAY OFF TIMER</u>			
4	MFT11A	AVANTI MULTI-FUNCTION TIMER 110VOLT	340.00	56	NPDF236S	AVANTI 230V 0.3-6 SEC	335.00
5	MFT23A	AVANTI MULTI-FUNCTION TIMER 230VOLT	340.00	57	NPDF2360S	AVANTI 230V 3-60 SEC	335.00
6	MFT40A	AVANTI MULTI-FUNCTION TIMER 400VOLT	340.00	58	NPDF236M	AVANTI 230V 0.3-6 MIN	335.00
<u>STAR DELTA TIMER</u>				59	NPDF406S	AVANTI 400V 0.3-6 SEC	335.00
7	SDT2330S	AVANTI STAR DELTA TIMER 230V 0-30SEC	265.00	60	NPDF4060S	AVANTI 400V 3-60 SEC	335.00
8	SDT4030S	AVANTI STAR DELTA TIMER 400V 0-30SEC	265.00	61	NPDF406M	AVANTI 400V 0.3-6 MIN	335.00
9	SDT-M2330S	AVANTI SDT+MAIN CONT. CONTROL 230V 0-30SEC	313.00	<u>NO POWER INTERVAL TIMER</u>			
10	SDT-M4030S	AVANTI SDT+MAIN CONT. CONTROL 400V 0-30SEC	313.00	62	NPIT4060S	AVANTI 400V 3-60 SEC	397.00
<u>DELAY ON TIMER</u>				<u>ANTI RECYCLE TIMER</u>			
11	DOT236S	AVANTI DELAY ON TIMER 230V 0.3-6SEC	225.00	63	ART2310M	AVANTI 230V 0.5-10 MIN	397.00
12	DOT2360S	AVANTI DELAY ON TIMER 230V 3-60SEC	225.00	<u>OVER WATERING TIMER</u>			
13	DOT236M	AVANTI DELAY ON TIMER 230V 0.3-6MIN	225.00	64	OWT406M	AVANTI 400V 0.3-6 MIN	415.00
14	DOT2360M	AVANTI DELAY ON TIMER 230V 3-60 MIN	225.00	<u>PERCENTAGE TIMER</u>			
15	DOT236H	AVANTI DELAY ON TIMER 230V 0.3-6 HOUR	225.00	65	PERCT2360S	AVANTI 230V 0.3-60 SEC	313.00
16	DOT2360H	AVANTI DELAY ON TIMER 230V 3-60 HOUR	225.00	66	PERCT4060S	AVANTI 230V 0.3-60 SEC	313.00
17	DOT406S	AVANTI DELAY ON TIMER 400V 0.3-6SEC	225.00	<u>INTERVAL + RESET TIMER</u>			
18	DOT4060S	AVANTI DELAY ON TIMER 400V 0.3-60 SEC	225.00	67	IRT236S	AVANTI INTERVAL+RESET TIMER 230V 0.3-6SEC	335.00
19	DOT406M	AVANTI DELAY ON TIMER 400V 0.3-6MIN	225.00	68	IRT2360S	AVANTI INTERVAL+RESET TIMER 230V 3-60 SEC	335.00
20	DOT4060M	AVANTI DELAY ON TIMER 400V 3-60 MIN	225.00	69	IRT236M	AVANTI INTERVAL+RESET TIMER 230V 0.3-6MIN	335.00
21	DOT406H	AVANTI DELAY ON TIMER 400V 0.3-6 HOUR	225.00	70	IRT2360M	AVANTI INTERVAL+RESET TIMER 230V 3-60 MIN	335.00
22	DOT4060H	AVANTI DELAY ON TIMER 400V 3-60 HOUR	225.00	71	IRT236H	AVANTI INTERVAL+RESET TIMER 230V 0.3-6 HRS	335.00
23	12ODT4	GIC DELAY ON TIMER 24v ac/dc, 230vac - DIN MOUNT	295.00	72	IRT406S	AVANTI INTERVAL+RESET TIMER 400V 0.3-6SEC	335.00
24	37EDT7	GIC DELAY ON TIMER 24vac (Retentive) - DIN MOUNT	463.00	73	IRT4060S	AVANTI INTERVAL+RESET TIMER 400V 0-60 SEC	335.00
<u>DELAY ON TIMER + INSTANT DPDT CONTACTS</u>				74	IRT406M	AVANTI INTERVAL+RESET TIMER 400V 0.3-6 MIN	335.00
25	DOT+1236S	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6SEC	295.00	75	IRT4060M	AVANTI INTERVAL+RESET TIMER 400V 0-60 MIN	335.00
26	DOT+12360S	AVANTI DELAY ON TIMER + INSTANT 230V 3-60SEC	295.00	76	IRT406H	AVANTI INTERVAL+RESET TIMER 400V 0.3-6 HRS	335.00
27	DOT+1236M	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6MIN	295.00	<u>MULTI-RANGE REMOTE POT TIMER</u>			
28	DOT+12360M	AVANTI DELAY ON TIMER + INSTANT 230V 3-60MIN	295.00	Multi-range times: 3hr, 6hr, 12hr & 24hr			
29	DOT+1236H	AVANTI DELAY ON TIMER + INSTANT 230V 0.3-6HRS	295.00	Multi-funcion: delay-on timer & interval timer			
30	DOT+1406S	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6SEC	295.00	77	MRRPT23	230V REMOTE POT TIMER	415.00
31	DOT+14060S	AVANTI DELAY ON TIMER + INSTANT 400V 3-60SEC	295.00	78	MRRPT40	400V REMOTE POT TIMER	415.00
32	DOT+1406M	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6MIN	295.00	79	POTLAB10	REMOTE POT & LABEL	77.00
33	DOT+14060M	AVANTI DELAY ON TIMER + INSTANT 400V 3-60MIN	295.00	For PANEL MOUNT see FMA on Page 12 Item 36			
34	DOT+1406H	AVANTI DELAY ON TIMER + INSTANT 400V 0.3-6HRS	295.00	<u>DEFROST TIMER</u>			
<u>INTERVAL TIMER (Delay Off with Power)</u>				80	DT23	AVANTI DEFROST TIMER 230V	375.00
35	IT236S	AVANTI INTERVAL TIMER 230V 0.3-6S	230.00	81	DT40	AVANTI DEFROST TIMER 400V	375.00
36	IT2360S	AVANTI INTERVAL TIMER 230V 0-60S	230.00	<u>THREE START ATTEMPT RELAY</u>			
37	IT236M	AVANTI INTERVAL TIMER 230V 0.3-6MIN	230.00	82	TSAR12	AVANTI THREE START ATTEMPT RELAY 12VDC	305.00
38	IT2360M	AVANTI INTERVAL TIMER 230V 3-60MIN	230.00	83	TSAR24	AVANTI THREE START ATTEMPT RELAY 24VDC	305.00
39	IT236H	AVANTI INTERVAL TIMER 230V 0.3-6HRS	230.00	<u>FORWARD / REVERSE TIMER</u>			
40	IT406S	AVANTI INTERVAL TIMER 400V 0.3-6S	230.00	84	FRT/P23	AVANTI FORWARD REVERSE TIMER 230V	358.00
41	IT4060S	AVANTI INTERVAL TIMER 400V 0-60SEC	230.00	85	FRT/P40	AVANTI FORWARD REVERSE TIMER 400V	358.00
42	IT406M	AVANTI INTERVAL TIMER 400V 0.3-6MIN	230.00	<u>ONE SHOT TIMER</u>			
43	IT4060M	AVANTI INTERVAL TIMER 400V 0-60MIN	230.00	86	OST23	AVANTI ONE SHOT TIMER 230V	237.00
44	IT406H	AVANTI INTERVAL TIMER 400V 0.3-6HRS	230.00	87	OST40	AVANTI ONE SHOT TIMER 400V	237.00
<u>EQUAL REPEATING TIMER</u>							
45	ERT236S	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 SEC	236.00				
46	ERT2360S	AVANTI EQUAL REPEATING TIMER 230V 3-60 SEC	236.00				
47	ERT236M	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 MIN	236.00				
48	ERT2360M	AVANTI EQUAL REPEATING TIMER 230V 3-60 MIN	236.00				
49	ERT236H	AVANTI EQUAL REPEATING TIMER 230V 0.3-6 HRS	236.00				
50	ERT406S	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 SEC	236.00				
51	ERT4060S	AVANTI EQUAL REPEATING TIMER 400V 3-60 SEC	236.00				
52	ERT406M	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 MIN	236.00				
53	ERT4060M	AVANTI EQUAL REPEATING TIMER 400V 3-60 MIN	236.00				
54	ERT406H	AVANTI EQUAL REPEATING TIMER 400V 0.3-6 HRS	236.00				

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No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>VOLTAGE MONITOR (Under & Over selectable)</u>				<u>DISTANCE CONTROL UNIT</u>			
1	VM03/030	AVANTI VOLTAGE MONITOR 10-30VDC (10-30VDC)	368.00	37	DCU/123STR	AVANTI DCU 230V	340.00
2	VM03/100	AVANTI VOLTAGE MONITOR 100-300VAC (10-30VDC)	368.00	38	DCU/140STR	AVANTI DCU 400V	340.00
3	VM03/200	AVANTI VOLTAGE MONITOR 200-600VAC (10-30VDC)	368.00	39	DCU/223STR	AVANTI DCU DOUBLE PUMP 230V.A.C.	478.00
4	VM11/030	AVANTI VOLTAGE MONITOR 10-30VDC (110VAC)	368.00	40	DCU/240STR	AVANTI DCU DOUBLE PUMP 400 V.A.C.	478.00
5	VM11/100	AVANTI VOLTAGE MONITOR 100-300VAC (110VAC)	368.00	<u>PUMP SEAL MONITOR</u>			
6	VM11/200	AVANTI VOLTAGE MONITOR 200-600VAC (110VAC)	368.00	41	PSM	AVANTI PUMP SEAL MONITOR	340.00
7	VM23/030	AVANTI VOLTAGE MONITOR 10-30VDC (230VAC)	368.00	<u>FLIP-FLOP RELAY - MAIN CONTROL</u>			
8	VM23/100	AVANTI VOLTAGE MONITOR 100-300VAC (230VAC)	368.00	42	FFR11	AVANTI FFR - MAINS CONTROL 110VAC	415.00
9	VM23/200	AVANTI VOLTAGE MONITOR 200-600VAC (230VAC)	368.00	43	FFR23	AVANTI FFR - MAINS CONTROL 230VAC	415.00
10	VM40/030	AVANTI VOLTAGE MONITOR 10-30VDC (400VAC)	368.00	44	FFR40	AVANTI FFR - MAINS CONTROL 400VAC	415.00
11	VM40/100	AVANTI VOLTAGE MONITOR 100-300VAC (400VAC)	368.00	<u>FLIP-FLOP RELAY - PULSE CONTROL</u>			
12	VM40/200	AVANTI VOLTAGE MONITOR 200-600VAC (400VAC)	368.00	45	FFRP-123	AVANTI FFR - PULSE CONTROL 230V	300.00
<u>VOLTAGE WINDOW COMPARITOR</u>				46	FFRP-140	AVANTI FFR - PULSE CONTROL 400V	300.00
<u>Single Phase</u>				<u>FLIP-FLOP RELAY - WITH MEMORY</u>			
13	VWC11	AVANTI SP VOLTAGE WINDOW COMPARITOR 110VAC	388.00	47	FFRM23	AVANTI FFR WITH MEMORY 230V	335.00
14	VWC23	AVANTI SP VOLTAGE WINDOW COMPARITOR 230VAC	388.00	48	FFRM40	AVANTI FFR WITH MEMORY 400V	335.00
15	VWC40	AVANTI SP VOLTAGE WINDOW COMPARITOR 400VAC	388.00	<u>THERMISTOR RELAY</u>			
16	VWC12	AVANTI SP VOLTAGE WINDOW COMPARITOR 12VDC	388.00	49	TPR11	AVANTI THERMISTOR RELAY 110V	300.00
17	VWC24	AVANTI SP VOLTAGE WINDOW COMPARITOR 24VDC	368.50	50	TPR23	AVANTI THERMISTOR RELAY 230V	300.00
<u>Three Phase</u>				51	TPR40	AVANTI THERMISTOR RELAY 400V	300.00
18	VWC323	AVANTI 3P VOLTAGE WINDOW COMPARITOR 230VAC	405.00	<u>KLIXON RELAY</u>			
19	VWC340	AVANTI 3P VOLTAGE WINDOW COMPARITOR 400VAC	405.00	52	KR23	AVANTI KLIXON RELAY 230VAC	288.00
<u>PHASE FAILURE PHASE SEQUENCE RELAY</u>				53	KR40	AVANTI KLIXON RELAY 400VAC	288.00
20	PFPSR40	AVANTI PHASE SEQUENCE RELAY	255.00	<u>LIQUID LEVEL CONTROL</u>			
<u>CURRENT MONITOR</u>				(Filling & Emptying selectable)			
21	CM11	AVANTI CURRENT MONITOR 5 AMP 110VAC	375.00	54	LLC23	AVANTI LIQUID LEVEL CONTROL 230V SEL. SWITCH	255.00
22	CM23	AVANTI CURRENT MONITOR 5 AMP 230VAC	375.00	55	LLC40	AVANTI LIQUID LEVEL CONTROL 400V SEL. SWITCH	255.00
23	CM40	AVANTI CURRENT MONITOR 5 AMP 400VAC	375.00	<u>ELECTRODE</u>			
<u>CURRENT WINDOW COMPARITOR (5amp CT)</u>				56	AEL	E/P.STAINLESS STEEL ELECTRODE	48.50
24	CWC11	AVANTI CURRENT WINDOW COMPARITOR 110VAC	429.00	<u>SHEAR PIN RELAY</u>			
25	CWC23	AVANTI CURRENT WINDOW COMPARITOR 230VAC	429.00	57	SPR23	AVANTI SHEAR PIN RELAY 230VAC	475.00
26	CWC40	AVANTI CURRENT WINDOW COMPARITOR 400VAC	429.00	58	SPR40	AVANTI SHEAR PIN RELAY 400VAC	475.00
<u>ELECTRONIC OVERLOAD RELAY</u>				<u>SIREN MODULE</u>			
27	EOLR11	AVANTI 110V OVERLOAD RELAY	518.00	59	SM12	AVANTI SIREN MODULE 12V AC/DC	190.00
28	EOLR23	AVANTI 230V OVERLOAD RELAY	518.00	60	4060SPEAK	8ohm 10watt HORN SPEAKER - 80mm	80.60
29	EOLR40	AVANTI 400V OVERLOAD RELAY	518.00	61	12VSIREN	12vdc 15w SIREN SD22	71.50
<u>GENERATOR SYNCHRONISING UNIT</u>				<u>TRANSFORMER</u>			
30	GSU23	AVANTI GENERATOR SYNCHRONISING UNIT 230V	405.00	62	TX	AVANTI PLUG-IN TRANSFORMER 230/400-12/24 VAC	520.00
31	GSU40	AVANTI GENERATOR SYNCHRONISING UNIT 400V	405.00	<u>PIVOT RELAY</u>			
<u>FREQUENCY MONITOR</u>				63	PR23	AVANTI PIVOT RELAY 230VAC	410.00
32	FM23	AVANTI FREQUENCY MONITOR 42-50Hz 230VAC	324.00	64	PR40	AVANTI PIVOT RELAY 400VAC	410.00
33	FM40	AVANTI FREQUENCY MONITOR 42-50Hz 400VAC	324.00	<u>FLUSH MOUNT ASSEMBLY</u>			
<u>PUMP PROTECTION RELAY</u>				65	FMA	AVANTI FLUSH MOUNT ASSEMBLY	82.50
34	PPR-1T8-23	AVANTI SP PPR with RESET TIMER - 230V	570.00				
35	PPR-3T8-40	AVANTI TP PPR with RESET TIMER - 400V	570.00				
NOTE: PPR-3T8 to replace PPR & Reset Timer							
<u>REGULATED POWER SUPPLY</u>							
36	PS1.5	AVANTI REG POWER SUPPLY 220V IN 24VDC OUT	203.00				

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**Toggle Switches
Neon Indicators / Pilot Lights
Temperature Controller
Genset Controller & Battery Chargers**

Rail Mount Terminals



No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>TOGGLE SWITCHES</u>				<u>STANDARD TERMINALS</u>			
<u>PLASTIC DOLLY TOGGLE SWITCHES</u>				<u>2 STAGE TERMINAL (Double Tier)</u>			
<u>Single Pole</u>				<u>FUSED TERMINALS</u>			
1	C1700H	C1700H TOGGEL SWITCH SP-ST 16A ON/OFF	25.60	1	CTS4UN	4MM 35A RAIL MOUNT TERMINAL	5.40
2	C1710H	C1710H TOGGEL SWITCH SP-DT 16A ON/OFF	29.30	2	CTS6U	6MM 46A RAIL MOUNT TERMINAL	8.10
3	C1720H	C1720H TOGGEL SWITCH SP-DT 16A ON/OFF/ON	29.30	3	CTS10U	10MM 63A RAIL MOUNT TERMINAL	9.30
<u>Double Pole</u>				4	CTS25U	16-25MM 110A RAIL MOUNT TERMINAL	17.00
4	C1750H	C1750H TOGGEL SWITCH DP-ST 16A ON/OFF	39.60	5	CTS35U	35MM 165A RAIL MOUNT TERMINAL	35.90
5	C1760H	C1760H TOGGEL SWITCH DP-DT 16A ON/ON	45.90	6	CTS50U	50MM 175A RAIL MOUNT TERMINAL	102.70
6	C1770H	C1770H TOGGEL SWITCH DP-DT 16A ON/OFF/ON	45.90	7	CTS95U	95MM 175A RAIL MOUNT TERMINAL	144.20
<u>Accessories</u>				<u>END PLATES</u>			
7	A1080MO	WATER PROOF BOOT FOR PLASTIC TOGGEL SW	9.40	9	CSFL4U	4MM FUSED TERMINALS (GREY)	28.80
<u>METAL DOLLY TOGGLE SWITCHES</u>				<u>END PLATES</u>			
<u>Single Pole</u>				10	EP2.5/4UN	END PLATE FOR 4MM TERMINAL	2.60
8	7011	7011 TOGGEL SWITCH SP-ST ON-OFF	52.30	11	EP6/10U	END PLATE FOR 6+10MM TERMINAL	2.80
9	7012	7011 TOGGEL SWITCH 2 POS ON-ON	75.40	12	EP25U	END PLATE FOR 16-25MM TERMINAL	5.10
10	7013	7013 TOGGEL SWITCH SP-DT ON-OFF-ON	62.90	13	EP35U	END PLATE FOR 35MM TERMINAL	6.30
<u>Double Pole</u>				14	EPCDL4U	END PLATE FOR 4MM 2 STAGE TERMINAL	5.80
11	7021	7021 TOGGEL SWITCH DP-ST ON-OFF	68.40	15	EPCSFL4U	END PLATE FOR 4MM FUSE TERMINAL	5.10
12	7022	7022 TOGGEL SWITCH DP-DT ON-ON	101.50	<u>PARTITIONS</u>			
13	7023	7023 TOGGEL SWITCH DP-DT ON-OFF-ON	74.70	16	PP2.5/4UN	PARTITION FOR 4MM TERMINAL	4.50
<u>Accessories</u>				17	PP6/10U	PARTITION FOR 6MM TERMINAL	5.80
14	WPCBOOT	WATER PROOF BOOT FOR METAL TOGGEL SW	27.20	<u>COMB LINK / BRIDGING BAR</u>			
15	TOGGON-OFF	LABELS FOR TOGGEL SWITCH LEGEND PLATES	9.10	18	CA713/10	4MM COMB LINK - 10 WAY	28.80
16	TOGGON-ON	LEDGEND PLATE ON/ON ROR TOGGEL SWITCH	9.10	19	CA722/4	4MM 4 WAY BRIDGING BAR	11.60
17	TOGGON-OFF-ON	LEDGEND PLATE ON/OFF/ON ROR TOGGEL SWITCH	9.10	<u>EARTH TERMINALS</u>			
<u>NEON INDICATOR / PILOT LIGHTS</u>				20	CGT4N	4MM EARTH TERMINAL (GREEN & YELLOW)	26.00
18	C0277/R	220V 10MM NEON PILOT LIGHT - RED	38.10	21	CGT10U	10MM EARTH TERMINAL (GREEN & YELLOW)	34.50
19	C0277/G	220V 10MM NEON PILOT LIGHT - GREEN	38.10	22	CGT35U	35MM EARTH TERMINAL (GREEN & YELLOW)	65.60
20	C0277/A	220V 10MM NEON PILOT LIGHT - AMBER	38.10	<u>END CLAMP</u>			
21	C0277/C	220V 10MM NEON PILOT LIGHT - CLEAR	38.10	23	CA802	END CLAMP	4.90
<u>TEMPERATURE CONTROLLER</u>				<u>DISTRIBUTION BLOCKS</u>			
<u>DIGITAL TEMPERATURE CONTROLLER</u>				24	CDB4/5	20WAY 50A DISTRIBUTION BLOCK	90.50
22	E3710C	TEMP CONTROL + SENSOR (-50° to +150° C)	827.70	25	CDB6/4	16WAY 95A DISTRIBUTION BLOCK	86.70
<u>GENSET CONTROLLER & BATTERY CHARGERS</u>				26	CDB10/4	16WAY 125A DISTRIBUTION BLOCK	105.50
<u>GENSET CONTROLLER</u>				<u>TERMINAL MARKERS</u>			
23	DKG105	72x72 PANEL MOUNT AUTO ENGINE START/STOP AUTO MAINS FAILURE MONITORING MAINS & GENERATOR VOLT CHECKING PREHEAT & CHOKE OUTPUTS OVER & UNDERSPEED ALARM 12V & 24V GENSETS	2904.00	Standard markers: CA509/K6-* for 4mm & larger terminals (strips of 10) Individual markers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 11, 12, 13, 14, 15, 16, 17, 18, 19, 20 Sequential markers: 1-10, 11-20, 21-30, 31-40, 41-50 51-60, 61-70, 71-80, 81-90, 91-100 Special markers: A to Z, +, -, L1, L2, L3 CA509/K2-* for 2 stage terminals Individual markers: 1, 2, 3, 4, 5, 6, 7, 8, 9, 10 Special markers: A to Z, +, - All other markers are blank			
<u>BATTERY CHARGERS</u>				Special markers: On request Sold in strips of 10 markers			
24	SMPS125	12V CHARGING 13.7VDC RATED OUTPUT POWER 5A INPUT VOLTAGE 170-270VAC	1593.00	per 100			
25	SMPS245	24V CHARGING 27.4VDC RATED OUTPUT POWER 5A INPUT VOLTAGE 170-270VAC	1763.00	27	CA509/K2	for CDL4U, CSFL4U (on fuse carrier)	22.10
				28	CA509/K6	for CTS4UN, CGT4U, CDB4	24.90
				29	CA509/K8	for CTS6U, CSFL4U (on terminal), CDB6	24.90
				30	CA509/K10	for CTS10U, CGT10U, CDB10	27.60
				31	CA509/K12	for CTS25U	27.60
				32	CA509/K15	for CTS35U, CGT35U	27.60
				<u>TOP HAT RAIL</u>			
				33	AMC35U	DIN 35 TOP HAT RAIL 2MT STD PLAIN	45.90
				34	AMC35US	DIN 35 TOP HAT RAIL 2M SLOTTED	46.00
				35	CA603	DIN TOP HAT RAIL ANGLE SUPPORT BRACKET	6.30
				36	45005	M5x8 PAN HEAD MACHINE SCREWS FOR TOP HAT	14.00

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**Busbar & Accessories
Cable Ties**

P.V.C. Slotted Trunking

No.	Part No.	Description	Price	No.	Part No.	Description	Price
<u>BUSBAR & ACCESSORIES</u>				<u>P.V.C. SLOTTED TRUNKING</u>			
<u>BUSBAR</u>			<i>per meter</i>	<u>TRUNKING</u>			<i>per length</i>
1	BBCOPP	BUSBAR 6MM COPPER BAR	78.30	24	2525N	25X25 PVC SLOTTED TRUNKING 2MTR	38.50
<u>BUSBAR TERMINALS</u>				25	2540N	25X40 PVC SLOTTED TRUNKING 2MTR	51.40
2	CENC4	BUSBAR 4MM TERMINAL	2.60	26	4040N	40X40 PVC SLOTTED TRUNKING 2MTR	54.90
3	CENC16	BUSBAR 16-25MM TERMINAL	3.90	27	6040N	60X40 PVC SLOTTED TRUNKING 2MTR	103.10
4	CENC35	BUSBAR 35MM TERMINAL	9.00	28	8040N	80X40 PVC SLOTTED TRUNKING 2MTR	124.50
<u>BUSBAR SUPPORTS</u>				29	2560N	25X60 PVC SLOTTED TRUNKING 2MTR	62.20
5	BB6SUPP	BUSBAR 6MM SQUARE SUPPORT	2.00	30	4060N	40X60 PVC SLOTTED TRUNKING 2MTR	78.20
<u>CABLE TIES & MOUNTING CRADLES</u>				31	6060N	60X60 PVC SLOTTED TRUNKING 2MTR	101.70
<u>CABLE TIES</u>			<i>per 100</i>	32	8060N	80X60 PVC SLOTTED TRUNKING 2MTR	123.80
6	T18RB	CABLE TIES T18R BLACK - 104 X 2.5	7.50	33	10060N	100X60 PVC SLOTTED TRUNKING 2MTR	215.90
7	T18RW	CABLE TIES T18R WHITE - 104 X 2.5	7.80	34	4080N	40X80 PVC SLOTTED TRUNKING 2MTR	96.00
8	T30RB	CABLE TIES T30R BLACK - 150 X 3.5	15.00	35	6080N	60X80 PVC SLOTTED TRUNKING 2MTR	123.90
9	T30RW	CABLE TIES T30R WHITE - 150 X 3.5	15.90	36	8080N	80X80 PVC SLOTTED TRUNKING 2MTR	152.70
10	T50RB	CABLE TIES T50R BLACK - 205 X 4.7	22.80	37	10080N	100X80 PVC SLOTTED TRUNKING 2MTR	242.40
11	T50RW	CABLE TIES T50R WHITE - 205 X 4.7	25.00	38	12080N	120X80 PVC SLOTTED TRUNKING 2MTR	275.40
12	T50IB	CABLE TIES T50I BLACK - 305 X 4.7	37.60	39	80100N	80X100 PVC SLOTTED TRUNKING 2MTR	211.50
13	T50IW	CABLE TIES T50I WHITE - 305 X 4.7	38.30	40	100100N	100X100 PVC SLOTTED TRUNKING 2MTR	269.00
14	T50LB	CABLE TIES T50L BLACK - 395 X 4.7	43.90	<u>SPARE COVERS</u>			<i>per length</i>
15	T50LW	CABLE TIES T50L WHITE - 395 X 4.7	51.30	41	COV15	15mm PVC SLOTTED TRUNKING COVER 2MTR	24.80
16	T120RB	CABLE TIES T120R BLACK - 395 X 7.8	92.40	42	COV25	25mm PVC SLOTTED TRUNKING COVER 2MTR	29.70
17	T120RW	CABLE TIES T120R WHITE - 395 X 7.8	100.50	43	COV40	40mm PVC SLOTTED TRUNKING COVER 2MTR	38.00
18	LK5B	CABLE TIES LK5 BLACK - 543 X 13.0	314.50	44	COV60	60mm PVC SLOTTED TRUNKING COVER 2MTR	87.00
19	T120SB	CABLE TIES T120S BLACK - 280 X 7.8	71.80	45	COV80	80mm PVC SLOTTED TRUNKING COVER 2MTR	68.30
<u>MOUNTING CRADLES</u>			<i>per 100</i>	<u>ACCESSORIES</u>			
20	TY3-GISB	TY3-GIS SMALL CRADLE BLACK	78.20	46	STSUPP	SUPPORT FOR SLOTTED TRUNKING+P/BUTTON	15.00
21	TY3-GISW	TY3-GIS SMALL CRADLE WHITE	81.30				
22	TY8-GISB	TY8-GIS SMALL CRADLE BLACK	179.90				
23	TY8-GISW	TY8-GIS LARGE CRADLE WHITE	185.00				

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Crimping Lugs

Crimping Ferrules

No.	Part No.	Description	Price	No.	Part No.	Description	Price
CRIMPING LUGS				CRIMPING FERRULES			
			per 100				per 100
1	L1-4	CRIMPING LUG 1.5X4MM	105.45	71	F1	CRIMPING FERRULE 1.5MM	95.50
2	L1-5	CRIMPING LUG 1.5X5MM	105.45	72	F2	CRIMPING FERRULE 2.5MM	107.95
3	L1-6	CRIMPING LUG 1.5X6MM	117.30	73	F4	CRIMPING FERRULE 4MM	134.20
4	L2-4	CRIMPING LUG 2.5X4MM	110.45	74	F6	CRIMPING FERRULE 6MM	153.50
5	L2-5	CRIMPING LUG 2.5X5MM	111.10	75	F10	CRIMPING FERRULE 10MM	251.50
6	L2-6	CRIMPING LUG 2.5X6MM	115.45	76	F16	CRIMPING FERRULE 16MM	310.15
7	L2-8	CRIMPING LUG 2.5X8MM	341.95	77	F25	CRIMPING FERRULE 25MM	438.70
8	L4-4	CRIMPING LUG 4X4MM	149.15	78	F35	CRIMPING FERRULE 35MM	588.45
9	L4-5	CRIMPING LUG 4X5MM	139.80	79	F50	CRIMPING FERRULE 50MM	1047.70
10	L4-6	CRIMPING LUG 4X6MM	149.80	80	F70	CRIMPING FERRULE 70MM	1473.90
11	L4-8	CRIMPING LUG 4X8MM	380.70	81	F95	CRIMPING FERRULE 95MM	2418.70
12	L4-10	CRIMPING LUG 4X10MM	415.60	82	F120	CRIMPING FERRULE 120MM	3254.80
13	L6-4	CRIMPING LUG 6X4MM	182.20	83	F150	CRIMPING FERRULE 150MM	4613.30
14	L6-5	CRIMPING LUG 6X5MM	167.85	84	F185	CRIMPING FERRULE 185MM	6737.40
15	L6-6	CRIMPING LUG 6X6MM	180.35	85	F240	CRIMPING FERRULE 240MM	9723.80
16	L6-8	CRIMPING LUG 6X8MM	431.20	86	F300	CRIMPING FERRULE 300MM	14693.95
17	L6-10	CRIMPING LUG 6X10MM	468.00				
18	L10-5	CRIMPING LUG 10X5MM	295.15				
19	L10-6	CRIMPING LUG 10X6MM	315.75				
20	L10-8	CRIMPING LUG 10X8MM	370.65				
21	L10-10	CRIMPING LUG 10X10MM	508.60				
22	L10-12	CRIMPING LUG 10X12MM	958.46				
23	L16-6	CRIMPING LUG 16X6MM	384.40				
24	L16-8	CRIMPING LUG 16X8MM	416.85				
25	L16-10	CRIMPING LUG 16X10MM	453.65				
26	L16-12	CRIMPING LUG 16X12MM	641.50				
27	L25-6	CRIMPING LUG 25X6MM	645.85				
28	L25-8	CRIMPING LUG 25X8MM	639.60				
29	L25-10	CRIMPING LUG 25X10MM	672.70				
30	L25-12	CRIMPING LUG 25X12MM	798.10				
31	L35-6	CRIMPING LUG 35X6MM	893.60				
32	L35-8	CRIMPING LUG 35X8MM	893.60				
33	L35-10	CRIMPING LUG 35X10MM	893.60				
34	L35-12	CRIMPING LUG 35X12MM	1027.10				
35	L35-16	CRIMPING LUG 35X16MM	1256.15				
36	L50-6	CRIMPING LUG 50X6MM	1214.95				
37	L50-8	CRIMPING LUG 50X8MM	1057.70				
38	L50-10	CRIMPING LUG 50X10MM	1238.00				
39	L50-12	CRIMPING LUG 50X12MM	1448.95				
40	L50-16	CRIMPING LUG 50X16MM	1690.45				
41	L70-8	CRIMPING LUG 70X8MM	1995.55				
42	L70-10	CRIMPING LUG 70X10MM	1995.55				
43	L70-12	CRIMPING LUG 70X12MM	2019.30				
44	L70-16	CRIMPING LUG 70X16MM	2447.95				
45	L95-8	CRIMPING LUG 95X8MM	3069.45				
46	L95-10	CRIMPING LUG 95X10MM	3069.45				
47	L95-12	CRIMPING LUG 95X12MM	3069.45				
48	L95-16	CRIMPING LUG 95X16MM	3276.65				
49	L95-20	CRIMPING LUG 95X20MM	4623.25				
50	L120-10	CRIMPING LUG 120X10MM	4182.10				
51	L120-12	CRIMPING LUG 120X12MM	4182.10				
52	L120-16	CRIMPING LUG 120X16MM	4445.40				
53	L120-20	CRIMPING LUG 120X20MM	5682.80				
54	L150-10	CRIMPING LUG 150X10MM	6094.00				
55	L150-12	CRIMPING LUG 150X12MM	6094.00				
56	L150-16	CRIMPING LUG 150X16MM	6094.00				
57	L185-10	CRIMPING LUG 185X10MM	8072.10				
58	L185-12	CRIMPING LUG 185X12MM	8072.10				
59	L185-16	CRIMPING LUG 185X16MM	8072.10				
60	L240-10	CRIMPING LUG 240X10MM	12397.00				
61	L240-12	CRIMPING LUG 240X12MM	12397.00				
62	L240-16	CRIMPING LUG 240X16MM	12397.00				
63	L240-20	CRIMPING LUG 240X20MM	13170.80				
64	L300-10	CRIMPING LUG 300X10MM	15521.40				
65	L300-12	CRIMPING LUG 300X12MM	15521.40				
66	L300-16	CRIMPING LUG 300X16MM	15521.40				
67	L300-20	CRIMPING LUG 300X20MM	15905.80				
68	L400	CRIMPING LUG 400MM BLANK	24380.00				
69	L500	CRIMPING LUG 500MM BLANK	34651.00				
70	L630	CRIMPING LUG 630MM BLANK	52275.00				

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Pre-Insulated Terminals

Pre-Insulated Terminals

No.	Part No.	Description	Price	No.	Part No.	Description	Price
PRE-INSULATED TERMINALS				PRE-INSULATED TERMINALS			
<u>RING TERMINALS</u>				<u>per 100</u>			
1	1R10	PRE INS RING TONGUE 1R10 RED	104.20	46	E0510WT	0.50mm WHITE INSULATED BOOTLACE FERRULE	27.30
2	1R8	PRE INS RING TONGUE 1R8 RED	82.50	47	E0710BL	0.75mm BLUE INSULATED BOOTLACE FERRULE	27.30
3	1R6	PRE INS RING TONGUE 1R6 RED	87.50	48	E1010RD	1.00mm RED INSULATED BOOTLACE FERRULE	28.30
4	1R5	PRE INS RING TONGUE 1R5 RED	43.90	49	E1510BK	1.50mm BLACK INSULATED BOOTLACE FERRULE	28.30
5	1R4	PRE INS RING TONGUE 1R4 RED	56.10	50	E2512GY	2.50mm GREY INSULATED BOOTLACE FERRULE	31.80
6	1R3	PRE INS RING TONGUE 1R3 RED	43.80	51	E4012OR	4.00mm ORANGE INSULATED BOOTLACE FERRULE	50.20
				52	E6012GR	6.00mm GREEN INSULATED BOOTLACE FERRULE	59.80
7	2R10	PRE INS RING TONGUE 2R10 BLUE	114.30	<u>FERRULE / BUTT CONNECTORS</u>			
8	2R8	PRE INS RING TONGUE 2R8 BLUE	109.70	<u>per 100</u>			
9	2R6	PRE INS RING TONGUE 2R6 BLUE	116.00	53	1UT	PRE INS SLEEVE 1UT RED	69.40
10	2R5	PRE INS RING TONGUE 2R5 BLUE	72.90	54	2UT	PRE INS SLEEVE 2UT BLUE	78.60
11	2R4	PRE INS RING TONGUE 2R4 BLUE	72.20	55	3UT	PRE INS SLEEVE 3UT YELLOW	127.80
12	2R35	PRE INS RING TONGUE 2R35 BLUE	62.30	FULLY INSULATED TERMINALS			
				<u>per 100</u>			
13	3R10	PRE INS RING TONGUE 3R10 YELLOW	196.40	56	TF2DF	FULLY INS FEMALE SPADE DISCONNECT BLUE	145.10
14	3R8	PRE INS RING TONGUE 3R8 YELLOW	205.10	UN-INSULATED TERMINALS			
15	3R6	PRE INS RING TONGUE 3R6 YELLOW	182.80	<u>DISCONNECT TERMINALS</u>			
16	3R5	PRE INS RING TONGUE 3R5 YELLOW	139.20	<u>per 100</u>			
17	3R4	PRE INS RING TONGUE 3R4 YELLOW	142.40	57	LF061250A	UNINSULATED ANGLE BLADE	155.90
18	3R35	PRE INS RING TONGUE 3R35 YELLOW	146.20	58	LOM51250	UNINSULATED MALE PUSH ON N2DM	110.70
				59	LT061250N	UNINSULATED N2DF FEMALE SPADE	161.60
				60	LT081250N	UNINSULATED N3DF FEMALE SPADE	181.80
				PRE-PACKED PRE-INSULATED TERMINALS			
				<u>RING TERMINAL</u>			
19	1S5A	PRE INS FORK 1S5A RED	51.90	61	1R6BP	NO1 1R6 RING RED - BUBBLE PACK	12.00
20	1S4A	PRE INS FORK 1S4A RED	51.90	62	1R5BP	NO2 1R5 RING RED - BUBBLE PACK	12.00
21	1S35	PRE INS FORK 1S35 RED	57.30	63	1R4BP	NO3 1R4 RING RED - BUBBLE PACK	12.00
22	2S5A	PRE INS FORK 2S5A BLUE	60.30	64	2R6BP	NO4 2R6 RING BLUE - BUBBLE PACK	12.00
23	2S4A	PRE INS FORK 2S4A BLUE	60.30	65	2R5BP	NO5 2R5 RING BLUE - BUBBLE PACK	12.00
24	2S35	PRE INS FORK 2S35 BLUE	52.40	66	2R4BP	NO6 2R4 RING BLUE - BUBBLE PACK	12.00
25	3S6A	PRE INS SPADE 3S6 YELLOW	145.70	67	3R8BP	NO7 3R8 RING YELLOW - BUBBLE PACK	12.00
26	3S5	PRE INS SPADE 3S5 YELLOW	125.90	68	3R6BP	NO8 3R6 RING YELLOW - BUBBLE PACK	12.00
27	3S4A	PRE INS SPADE 3S4A YELLOW	125.90	69	3R5BP	NO9 3R5 RING YELLOW - BUBBLE PACK	12.00
				<u>SPADE / FORK TERMINALS</u>			
				70	1S35BP	NO10 1S35 FORK - BUBBLE PACK	12.00
				71	1S4ABP	NO11 1S4A FORK RED - BUBBLE PACK	12.00
				72	2S35BP	NO12 2S35 FORK BLUE - BUBBLE PACK	12.00
				73	2S5ABP	NO13 2S5A SPADE BLUE - BUBBLE PACK	12.00
				<u>PIN TERMINALS</u>			
				74	1P10BP	NO14 1P10 PIN RED - BUBBLE PACK	12.00
				75	2P8BP	NO15 2P8 PIN BLUE - BUBBLE PACK	12.00
				<u>FERRULE / BUTT CONNECTORS</u>			
				76	1UTBP	NO16 1UT BUTT RED - BUBBLE PACK	12.00
				77	2UTBP	NO17 2UT BUTT BLUE - BUBBLE PACK	12.00
				<u>MALE DISCONNECT TERMINALS</u>			
				78	T1DMBP	NO18 T1DM MALE BLADE RED - BUBBLE PK	12.00
				79	T2DMBP	NO19 T2DM MALE BLADE BLUE - BUBBLE P	12.00
				<u>FEMALE DISCONNECT TERMINALS</u>			
				80	T1DFBP	NO20 T1DF RECEPTACLE RED - BUBBLE PK	12.00
				81	T2DFBP	NO21 T2DF RECEPTACLE BLUE - BUBBLE P	12.00
				<u>PIGGY BACK DISCONNECT TERMINALS</u>			
				82	T1PBBP	NO22 T1PB PIGGY BACK RED - BUBBLE PK	12.00
				83	T2PBBP	NO23 T2PB PIGGY BACK BLUE - BUBBLE P	12.00
				<u>MALE BULLET TERMINALS</u>			
				84	T1ULMBP	NO24 T1ULM MALE BULLET RED - BUBBLE	12.00
				85	T2ULMBP	NO25 T2ULM MALE BULLET BLUE - BUBBLE	12.00
				<u>FEMALE BULLET TERMINALS</u>			
				86	T1ULFBP	NO26 T1ULF FEMALE BULLET RED - BUBBLE	12.00
				87	T2ULFBP	NO27 T2ULF FEMALE BULLET BLUE - BUBB	12.00

All Prices Exclude VAT and are subject to change without prior notice.

TRADING TERMS AND CONDITIONS OF SALE

1. CREDIT

- 1.1 THE APPLICANT selects THE APPLICANT'S street address as appears on his application as domicilium citandi et executandi for all purposes hereafter and undertakes to notify THE CREDITOR forthwith in writing of any change of address.
- 1.2 Failure of the part of THE APPLICANT to object to any item appearing on THE CREDITOR'S Statement of Account within fourteen (14) days of date of despatch of such statements, shall deem the account to be in order.
- 1.3 Unless the context otherwise requires, the words importing the singular shall include the plural and vice versa, a natural person shall include an artificial person and vice versa and the one gender shall include the other gender and vice versa.
- 1.4 Signature by THE APPLICANT or by any representative of THE APPLICANT of THE CREDITOR'S delivery note, shall be regarded as acceptance by THE APPLICANT that the goods reflected in such delivery note have been properly and completely delivered.
- 1.5 Until such time as THE APPLICANT has paid the full purchase price in respect of any purchase of goods, the ownership in and to all such goods shall remain vested in THE CREDITOR. THE CREDITOR shall, in its sole discretion, without notice to THE APPLICANT, be entitled to take possession of any such goods which have not been paid for and in respect of which payment is overdue, in which event THE APPLICANT shall be entitled to a credit in respect of the goods so returned being the price at which the goods are sold or the value thereof as determined by THE CREDITOR.
- 1.6 In the event of any order being given to THE CREDITOR on an order form reflecting THE APPLICANT'S name as the entity from which the order emanates, such order shall be deemed to have emanated from THE APPLICANT, notwithstanding the fact that such order may have been given or signed by a person not authorised by THE APPLICANT and such order will be deemed to constitute valid delivery.
- 1.7 Should THE CREDITOR agree to accept return of goods THE APPLICANT warrants the good condition thereof and a 10% handling charge shall apply.
- 1.8 It is agreed that set-off shall operate automatically as a matter of Law at the moment reciprocal debts between THE CREDITOR and THE APPLICANT come into existence and independently of the will of the parties and it shall not be necessary for either THE CREDITOR or THE APPLICANT to specifically raise set-off. Upon the operation of an automatic set-off aforementioned, the debts shall be mutually extinguished to the extent of the lesser debt.
- 1.9 THE CREDITOR shall, at any time, in its sole discretion, be entitled to cede all or any of its rights in terms of this application for credit facilities and deed of suretyship to any third party, without prior notice to THE APPLICANT.
- 1.10 THE APPLICANT undertakes to notify THE CREDITOR, in writing, within seven (7) days of any change in ownership of THE APPLICANT'S business, or should THE APPLICANT be a company, any share transaction where the majority shareholding is affected, failing which notice the entire balance owing, whether due or not, will immediately be deemed to be due and payable by THE APPLICANT. In addition to the foregoing, THE APPLICANT acknowledges that immediately upon any change of ownership in THE APPLICANT any outstanding amount whether due or not shall be deemed to be forthwith payable by THE APPLICANT to THE CREDITOR.
- 1.11 Should THE APPLICANT at any time be wound up, whether provisionally or finally, (which liquidation or sequestration shall be deemed to be a material breach by THE APPLICANT) or in the event of THE APPLICANT being an individual or partnership and having his/its estate sequestered, whether provisionally or finally, any goods delivered by THE CREDITOR to THE APPLICANT and in respect of which payment has not been made at the date of winding up or sequestration (whether payment in respect thereof be due or not) shall immediately be returned to and recoverable by THE CREDITOR and the agreement pursuant to which such goods were sold shall be deemed to have been cancelled in respect of the goods so returnable / recoverable.
- 1.12 THE APPLICANT acknowledges that in the event of it being a proprietorship, partnership, a company or a close corporation and converting from a proprietorship, partnership, or company to a close corporation or from a proprietorship, partnership or a close corporation to a company at any time hereafter, as the case may be, any surety / signatory in terms of this application for credit shall nevertheless still remain bound as a surety.

2. PRICE VARIATIONS

- 2.1 Prices are "exclusive" of VAT.
- 2.2 Prices are based on the cost to THE CREDITOR of material, labour, transport, customs, excise of other duties, landing charges, if any, insurance and the rates of exchange ruling at the date of the sale. In the event of there being any increase which affects any such costs prior to delivery, the prices will be subject to variation proportionally and without prior notice, at the discretion of THE CREDITOR.

3. RISK AND WARRANTY

- 3.1 Goods to be dispatched to THE APPLICANT by rail or other carriers shall be at THE APPLICANT'S risk from the time delivery is made by THE CREDITOR to the carrier, whether of not such railage or other charge is paid by THE CREDITOR.
- 3.2 Claims for shortages or damages must be notified in writing within 48 hours after delivery of goods, failing which no claim will be recognised.
- 3.3 THE CREDITOR will repair or at its discretion replace, at point of original delivery, any goods sold which are proved within twelve months from delivery, not to conform to specification or to be defective due to faulty workmanship or materials. Save as aforesaid no warranty, guarantee or representation of any nature is given or implied by THE CREDITOR and any other warranty, guarantee or representation is expressly excluded. Under no circumstances shall THE CREDITOR be responsible for loss of THE APPLICANT'S profit or for any consequential or indirect or any other damages of any nature whatsoever and from whatever cause arising.

4. DELAY IN OR IMPOSSIBILITY OF PERFORMANCE

- 4.1 Unless expressly stated in writing, time shall not be of the essence of any contract.
- 4.2 THE CREDITOR will not be in any way responsible for losses, damages or delays caused by or arising from vis - a major, casus fortuitus or acts of the State's enemies, riots, lockouts, cessation of labour, transport delays, shortened hours of labour, accidents of any kind, insurrection, war, whether declared or not, the imposition of any trade boycotts or sanctions or trade restrictions by any government, authority, company or organisation or person or persons, whether within the Republic of South Africa or anywhere else, or any other cause or contingency whatsoever beyond the control of THE CREDITOR whether eiusdem generis with the causes aforementioned or not, and in the event of THE CREDITOR being prevented by reason of any cause or causes or by any circumstances attributable thereto from fulfilling or making any deliveries or rendering any services in terms of the contract THE CREDITOR shall be entitled to terminate the contract and to obtain payment in respect of deliveries already made and / or services already performed prior to date of such termination. In the event of THE CREDITOR not electing to terminate the contract as aforesaid, THE APPLICANT shall accept delivery when delivery is tendered and shall not be entitled to resile from the contract on account of delay on the part of THE CREDITOR nor shall any claim for damages of any nature whatsoever and from whatsoever cause arising lie against THE CREDITOR in respect of such delay.
- 4.3 If the execution of a contract is delayed by THE APPLICANT or THE CREDITOR agrees to its cancellation, THE CREDITOR shall, without prejudice and additional to any other rights in law, be entitled to any expenses, cost, loss, injury or damage suffered

5. APPLICABILITY AND VARIATION

- 5.1 Any condonation of any breach of any of the provisions hereof or other act or relaxation, indulgence or grace on the part of THE CREDITOR shall not in any way operate as or be deemed to be a waiver by THE CREDITOR of any rights under this contract, or be construed as a novation thereof.
- 5.2 Each clause of these conditions of sale is severable, the one from the other and if any one or more clauses are found to be invalid or unenforceable, that clause / clauses shall not affect the balance of these conditions of sale, which shall remain of full force and effect.
- 5.3 THE APPLICANT acknowledges that no terms at variance with the terms and conditions of this application for credit and which have been sought to be introduced by THE APPLICANT at any time shall be of any force or effect unless THE CREDITOR has, in writing, expressly and unambiguously agreed that the terms so sought to be introduced by THE APPLICANT shall apply. Without derogating from the generality of the foregoing, THE CREDITOR shall not be regarded as having so expressly agreed by virtue merely of THE CREDITOR having agreed to execute an order in which inconsistent terms have been introduced by THE APPLICANT and notwithstanding that THE CREDITOR has not rejected such inconsistent terms.